

1 UNITED STATES BANKRUPTCY COURT
2 FOR THE WESTERN DISTRICT OF NORTH CAROLINA
3 CHARLOTTE DIVISION

4 IN RE:)
5 GARLOCK SEALING TECHNOLOGIES)
6 LLC, et al,) No. 10-BK-31607
7 Debtors.) VOLUME X
FULL DAY SESSION

8
9 TRANSCRIPT OF ESTIMATION TRIAL
10 BEFORE THE HONORABLE GEORGE R. HODGES
11 UNITED STATES BANKRUPTCY JUDGE
AUGUST 2, 2013

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E X H I B I T SPLAINTIFF'S EXHIBITS:

<u>NO.</u>	<u>OFFERED</u>	<u>ADMITTED</u>
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P R O C E E D I N G S

AUGUST 2, 2013, COURT CALLED TO ORDER 9:30 A.M.:

MR. GUY: Your Honor, I have a quick housekeeping item.

THE COURT: Yes.

MR. GUY: I know that your mind is open on the issue as to whether we need more time. The reason I would ask that we try to get an answer on that maybe at the end of today is because if there's the possibility of more time, more time will be taken in the following week so that we'll need it.

And the problem we have, Your Honor, is that we have throughout this case been presenting our case on the presumption that we have to fit it within the time allotted by the Court.

THE COURT: I'm hopeful that's what we'll be able to do. If we have more time, we're talking about one more day. We don't have any more time, really, other than we do have Monday, but that's the only time we can find a place to do anything, so.

MR. GUY: Thank you, Your Honor.

THE COURT: And in fact, we don't really have Monday. I've got other stuff scheduled on Monday, but it's -- may be possible to move it.

MR. GUY: With the right will, it can be done, Your Honor.

1 THE COURT: I hope we can do it, and we'll try to do
2 it. But let's see where we are at the end of the day. Then
3 we'll maybe know a bit more about that.

4 MR. GUY: Thank you, Your Honor.

5 MR. WOLF: Good morning, Your Honor.

6 THE COURT: Good morning.

7 MR. WOLF: Today we get to the Debtor's estimation
8 experts. The debtors call Dr. Jorge Gallardo-Garcia.

9 THE COURT: Okay.

10 JORGE RAUL GALLARDO-GARCIA,
11 Being first duly sworn, was examined and testified as follows:

12 DIRECT EXAMINATION

13 BY MR. WOLF:

14 Q. Good morning, Dr. Gallardo-Garcia.

15 A. Good morning.

16 Q. Can you please state your name for the record?

17 A. My name is Jorge Raul Gallardo-Garcia.

18 Q. Could you please describe your education for the court?

19 A. Yes. I hold a Ph.D in economics from the University of
20 Pennsylvania. I also have a Master's in economics from the
21 same university. Also I'm originally from Mexico. I was born
22 and raised in Mexico City, and I have studies from the
23 Instituto of Tecnologico Autonomo De Mexico. I have a
24 Master's in economics, Bachelor's degree in economics, and a
25 Bachelor's degree in business administration.

1 Q. And you have prepared these slides to help illustrate
2 your testimony today?

3 A. Yes, I did.

4 Q. What is your current position?

5 A. I'm manager at Bates White, LLC.

6 Q. And you work in Washington, DC?

7 A. Yes.

8 Q. What would you describe as your specialty?

9 A. Well, my specialties both in general economics, it's
10 basically modeling human or individual behavior through
11 economic models. And then the estimation of those economic
12 models, using individual level data. My research has been
13 done on those topics.

14 Q. We heard from Mr. Swett in opening argument that it is
15 somehow illegitimate or ill-advised to look at data about
16 individuals when you're performing an aggregate estimation.
17 As an economist and econometrician, do you agree with that?

18 A. No. I think that's exactly -- it's quite the contrary.

19 When one is trying to model individual behavior, or one
20 is trying to do an aggregate forecast of any kind, if you have
21 available disaggregated data, there's no reason to lose or to
22 disregard all the detail in the data to come to an aggregate
23 answer.

24 You can always model the individual's decisions and the
25 individual decisions related to economics and develop economic

1 models, based on individual data, and then transport those
2 decisions or those estimates to the aggregate population.

3 Q. Do you have an example of that from the policy arena,
4 where that is done?

5 A. Yes. So, for example, when one wants to do some type of
6 policy, one wants to test a policy. For example, such as a
7 social program in a given town or something. So as I have on
8 my research -- on my past research, for example, in the first
9 two papers, what we were doing is, we were evaluating a
10 program in which families or parents of children will get some
11 amount of money, if they want -- if they sent their children
12 to school, and if they took their children to a health clinic.

13 Now this program was a huge program. It was to serve
14 more than 5 million families. And it was a type of program
15 that was being tested to be applied in the whole country.
16 This is -- all of this is in Mexico. But since then, this
17 program has been applied in all of Latin America and some
18 places in the U.S. are applying this same model. But the
19 point of the program was to see if children will benefit from
20 the government paying their parents to send them to school.

21 So what we did in these two papers was to basically
22 measure what was the benefit of the children of the parents
23 getting that money in terms of number of years of education,
24 attrition rates from going to school. There was a section on
25 grades, et cetera.

1 So the point was, that by aggregate, if you -- if we have
2 aggregated the data, and tried to measure the impact of the
3 program, we will have lost the detail of who the impact was
4 going to -- in which type of the -- in which subpopulation the
5 impact was going to be stronger.

6 So by doing an analysis using disaggregated data, we were
7 able to know what were the target populations and who
8 benefited from the program the most, versus the populations
9 that will not benefit as much by the program.

10 And that was only possible because this was a study that
11 could be done with the disaggregated data, at the individual
12 level, as we have in the Garlock analytical database that we
13 are going to talk about later.

14 Q. So by disaggregated data, just to be clear, you're
15 talking about data on the 5 million individuals who were
16 participants in the program?

17 A. This was a sample of those 5 million, but it was
18 thousands of people -- well, thousands of families that have
19 at the same time, thousands of children. And we had data on
20 the children and on the families' characteristics.

21 Q. Now, you were a co-author of the two papers that are
22 listed on the slide entitled, "Research Articles"?

23 A. Yes. The first -- the top publication, that's just a
24 publication which is a result of our study that was published
25 in the Education Economics, which is a peer-reviewed journal.

1 The second paper, or the second study, is the report that
2 the team that I was working, submitted to the Mexican Congress
3 when they were trying to evaluate whether this program was
4 going to be continued or not. So this was using the 2004
5 data. We did that study probably in 2005 -- or yeah, probably
6 in 2005, and to this day the program continues in Mexico.

7 Q. And what is the third paper that you have listed on your
8 slide?

9 A. The third paper is my dissertation. It was similar --
10 similar to the other two publications in that I was measuring
11 what was the impact on children from their parents having
12 health insurance.

13 And in this paper, the health insurance -- whether
14 parents have health insurance or not, depended on whether they
15 were working on a formal employment.

16 So what I was measuring was the decision of the parents
17 to go to the job market to get one or another type of job, and
18 then to -- the decision of having children or not.

19 And the outcomes that I was measuring were the infant
20 mortality and the birth weight.

21 Q. Did these research articles all involve the collection
22 and manipulation of large amounts of data?

23 A. Yes. All of them have to do with thousands of families
24 and thousands of pieces of data.

25 Q. Are you also familiar with databases pertaining to

1 asbestos claims?

2 A. Yes. Since I started working at Bates White in 2006,
3 I've been involved with work related to asbestos-related
4 claims data analysis.

5 I have had experience in terms of litigation in cases
6 like ASARCO Plant Insulation and NARCO. I've also had
7 experience in other litigation cases regarding insurance
8 coverage. We've also -- I have also participated in cases
9 in -- from the consulting side, due diligence for the specific
10 companies. And then on financial reporting for SEC filings
11 related to asbestos expenditures, and examples of those are
12 Garlock before 2010, Goodyear, John Crane, Maremont and
13 Rockwell.

14 Q. Does Bates White also maintain internal databases that it
15 uses for its financial reporting and other asbestos
16 claim-related work?

17 A. Yes. We have several databases that we use for both
18 general research and for the -- to aid in the analysis that we
19 perform for our litigation and consulting.

20 We have, for example, a database that we call the master
21 claims database, which is a database that lists all the claims
22 that we know have been filed -- all the asbestos claims that
23 we know have been filed in the tort system.

24 We also have a database that we call the namings
25 database, which lists the -- for some of those claims that we

1 have in the master database, lists all of the defendants that
2 have been named by these claimants in their complaints.

3 We have a verdicts database which is a list of all the
4 verdicts that we've been able to know of from public sources
5 such as Mealey's and other asbestos-related publications.

6 We have a products database which is a list of asbestos
7 defendants -- or companies that handle asbestos, and the types
8 of products they handle. That's basically it.

9 Q. Do you have a role in creating and maintaining these
10 internal databases?

11 A. Yes. I participated in the design and the collection of
12 the data, and now I'm in charge of the management of those
13 databases.

14 MR. WOLF: Your Honor, we proffer
15 Dr. Gallardo-Garcia as an expert in statistical analysis,
16 economic modeling and the construction of databases for those
17 tasks, including asbestos claim databases.

18 MR. GUY: Your Honor, I have a brief voir dire.

19 THE COURT: All right.

20 VOIR DIRE EXAMINATION

21 BY MR. GUY:

22 Q. Good morning, Dr. Gallardo-Garcia.

23 A. Good morning.

24 Q. Jonathan Guy for the FCR. You do publish peer-reviewed
25 articles, correct?

1 A. Yes, I published one.

2 Q. We can pull back on the screen.

3 Do either of those articles have anything to do with
4 asbestos?

5 A. No.

6 Q. Have you ever been accepted by a court as an expert
7 witness?

8 A. No.

9 Q. What you're going to testify about today, which I
10 understand is from your initial report, concerns the database
11 that was compiled by Bates White for preparing Dr. Bates'
12 report, right?

13 A. Correct.

14 Q. Is there anything you're going to talk about that Dr.
15 Bates couldn't adequately cover himself?

16 A. Well, I know the details of how the database was
17 constructed, all the processes that we followed when
18 constructing the data, the sources of data. I know all the
19 detail.

20 Q. So what you're going to talk about is what you did in
21 preparing the database?

22 A. Well, I'm going to talk about what were the -- what were
23 the sources of data that were available to us for constructing
24 this database; what were the processes that we followed in
25 putting together the data; what were the quality control

1 processes. And I'm going to testify as to the robustness and
2 the reliability of the data.

3 Q. So most of what you're going to talk about is what you
4 actually did in compiling the database, right?

5 A. Well, not only what I actually did, but also the work
6 that I directed, and all that based on the experience that I
7 have in managing and creating these types of databases.

8 MR. GUY: Your Honor, I have no further questions.

9 We reserve on the issue as to whether this witness
10 is here testifying as a fact witness or as an expert witness.

11 Thank you, Your Honor.

12 THE COURT: We'll admit him as an expert in the
13 areas mentioned and let you proceed.

14 MR. WOLF: Thank you, Your Honor.

15 CONTINUED DIRECT EXAMINATION

16 BY MR. WOLF:

17 Q. Dr. Gallardo-Garcia, let's move on to your work in this
18 case.

19 What was Bates White engaged to do in this case?

20 A. Well, the main charge was the estimate of Garlock's
21 asbestos liabilities as Dr. Bates defined it in his report.

22 Q. Did the work that Dr. Bates performed require the
23 collection and analysis of large amounts of data about
24 individual claimants?

25 A. Yes. For his analysis we put -- we constructed the

1 analytical database that has the information that he used for
2 his calculations.

3 Q. Were you responsible for supervising the construction of
4 the database that Dr. Bates used for performing his work?

5 A. Yes, I was.

6 Q. Did Dr. Bates give you instructions on the information
7 that that database needed to contain in order to perform his
8 calculations?

9 A. Yes. So Dr. Bates and I would discuss what was the
10 information available in terms of the sources of information,
11 the type of information that was available, for example, from
12 the questionnaires or other discovery in the case. And based
13 on the model that he had developed, we -- I constructed the
14 database and pulled the information most relevant for his
15 model to test and estimate his model.

16 Q. In your expert opinion, does the Garlock analytical
17 database, as you've called the product of your work, meet the
18 statistical standards of reliability for the work that Dr.
19 Bates performed in this case?

20 A. I think it does. It actually exceeds them in terms of
21 when compared to other research databases, the quality control
22 processes that we implemented when constructing the database,
23 and when reviewing that the data was properly collected and
24 was properly standardized, were far more strict than what I've
25 seen in the construction -- while in the construction of a

1 database of this size.

2 Q. Does that mean there are no errors in the database?

3 A. No. There are certainly errors in the database. A
4 database of this size and this scope and the number of data
5 sources that exist -- that we used for constructing it, it's
6 certain that it's going to have some errors. Having a perfect
7 database would be practically impossible, given the size of
8 the database.

9 Now the errors that remain, I know are not statistically
10 insignificant, because of all the quality control processes
11 that we've implemented when constructing the data. We
12 reviewed the data collected. We checked that the data
13 collected matched to the underlying data sources. We -- we
14 went through a lot of work to ensure that the data was going
15 to be as robust as possible.

16 Q. Could you give the court some idea of how big this
17 database is?

18 A. Well, the initial database, what we call the Garrison
19 database has about a little less than 700,000 records -- or
20 700,000 claims, of which about 26,000 are mesotheliomas.

21 The data that we put together, that we compiled and we
22 eventually included in the Garlock database in terms for
23 example of exposure histories or job histories, it's about
24 1. -- 1.7 million records for those 26,000 individuals. Not
25 all individuals have records in the exposure data -- in the

1 exposure table, but it's just a measure of the size of the
2 data.

3 Then we also have another table that has the other
4 parties in those individuals cases, and there are about
5 480,000 records in these -- in that table.

6 Q. Let's talk about the contents of the Garlock analytical
7 database in a little more detail.

8 Does this slide entitled, "Main Data Components of
9 Garlock Analytical Database" summarize the major categories of
10 information that are in the Garlock analytical database?

11 A. Yes, it does.

12 Q. Could you briefly describe these components?

13 A. Yes. So the basis for the data is the list of claimants.
14 That filed a claim against Garlock. And this list of claimants
15 comes from the Garrison database. So as I was saying, because we
16 focused on the mesothelioma cases, we have about 26,000 -- a
17 little more than 26,000 claimants in this database.

18 Now, to the data that has to do with -- that was in the
19 Garrison database, through discovery and other publicly
20 available sources, we added information about exposures in
21 terms of job, and exposure histories for a number of these
22 claimants. Also information about their claims that these
23 claimants have filed against other parties, other tort
24 defendants. And we also have information in terms of
25 verdicts, both Garlock verdicts, and verdicts that happened in

1 the tort system but in which Garlock was not a defendant or
2 was not present at trial.

3 Q. So it's correct that the Garrison claims database was the
4 foundation for the Garlock analytical database?

5 A. Yes, it was. The Garrison claims database gave us the
6 list of claimants and information about those claimants and
7 claims characteristics.

8 Q. What's the basic information that was contained in the
9 Garrison claims database?

10 A. Well, the names of the claimants, for a number of them
11 their social security numbers, some demographic
12 information, such as birth date and death date, diagnosis
13 date, the type of disease that they alleged.

14 And then in terms of the claims -- claim characteristics,
15 when the claim was filed, in which state, or which was the
16 representing law firm, the status of the claim. And if the
17 claim was resolved, the resolution dates. And if the claim
18 had received a settlement, the settlement amount.

19 Q. What version of the Garrison database did Bates White use
20 for the Garlock analytical database?

21 A. Well, we received three versions during the course of
22 this case, the -- we used the most recent version, which is
23 the May 18, 2011. Although we compare this version -- this
24 last version to the prior versions, to ensure if there were
25 any updates to the data, we understood what the updates were.

1 And that we were actually using the best of the versions of
2 the Garrison database.

3 Q. Did Bates White change anything in the Garlock database?

4 A. No. We didn't change the -- so the Garrison database is
5 just an input to the Garlock analytical database. The
6 Garrison database remains as we received it. What we did is
7 to supplement the Garrison database with the additional
8 information that we received in this case. Mainly from
9 discovery, but also from other sources.

10 Q. Now, before the petition, you were familiar with the
11 Garrison claims database, previous versions of the one that
12 was used here through your financial reporting work for
13 Garlock's parent company EnPro?

14 A. Yes. In about 2007 I started working on the work related
15 to the SEC filings from -- by EnPro with respect to Garlock's
16 asbestos claims.

17 Q. Why was the Garrison database not sufficient for Bates
18 White's econometric work in this case?

19 A. Well, it's for two main reasons. The first reason is
20 that we were -- well, when working on the financial reporting,
21 we were measuring something completely different to what
22 Dr. Bates is trying to measure -- is measuring in this case.
23 So the tasks were completely different.

24 Second, a significant amount of information -- actually
25 all of the information that was provided in -- or most of the

1 information that was provided in discovery, was not available
2 to Garlock when we were working on the financial report,
3 initially. So it wasn't something that we could -- we could
4 use.

5 Q. Now, these orange boxes on this slide, they depict
6 general categories of information that the Garlock analytical
7 database has that the Garrison claims database does not?

8 A. Right. A significant amount of this information is
9 something that was not included in the Garrison database to
10 start with.

11 Q. Let's go through these one by one.

12 What information about claimant exposures are in the
13 Garlock analytical database that was not in the Garrison
14 database?

15 A. Well, in the Garrison database, there was a field called
16 "occupation", at least one of the claimant's occupations. Now
17 we know that these claimants usually have multiple
18 occupations, and also that they worked at multiple different
19 places in multiple different dates.

20 So through the discovery that we saw in this case we --
21 there was data available on the nature of Garlock exposure in
22 terms of how individuals were exposed to Garlock -- Garlock's
23 asbestos products, complete history in terms of their
24 occupation, their job history and their exposure history in
25 terms of occupation to industries, dates of those occupations,

1 the locations of those occupations. And for a subset of the
2 claimants, we also have information about the other
3 asbestos-containing products that were not Garlock's to which
4 those individuals were exposed.

5 Q. What about claims against other parties? What
6 information about that is in the Garlock analytical database,
7 that was not in the Garrison database?

8 A. Well, the Garrison database did not have information
9 about other parties. All the claims were filed against
10 Garlock. There was some indication that some of the claims
11 have been also filed against Anchor (phonetic) for example,
12 but there was no information about the other parties.

13 Through the PIQ, the questionnaire and other sources, we
14 were able to supplement the sources by adding the name of
15 defendants, and other defendants that were named on the
16 claimant's complaints, the status of their claim with respect
17 to these defendants. Against which trusts they filed claims
18 and what's the status of those trust claims. For a subset of
19 the questionnaire claims, we have information about the tort
20 and trust recoveries, in terms of how much money they've
21 received from these two types of parties in the tort system.
22 And also information about ballots cast in other
23 bankruptcies.

24 Q. You described information relating to claims that are
25 pending against Garlock. Is there information of this nature

1 about claims that were resolved as well?

2 A. Yes. Some of this information is available from public
3 sources. Not the information that was granted in
4 discovery, that information was not available for those. I
5 think that we are going to talk about those specific documents
6 later.

7 Q. Let's talk about verdicts. What information about
8 verdicts is in the Garlock analytical database that was not in
9 Garrison database?

10 A. Well, the Garrison database did not identify which cases
11 had gone to verdict. It was in the Garrison database, it only
12 listed the claimants, and the fact that those cases have been
13 resolved, and there has been a payment for those claimants,
14 but didn't identify them as whether those were settlements or
15 actual verdicts, and a similar issue was the case for the
16 defense verdicts.

17 So we -- through additional documentation that we
18 received from Garlock, we were able to locate those claimants
19 in the Garrison database and identify them as verdicts, and
20 also other additional information in terms of outcomes and
21 verdict dates, for example.

22 Also for other mesothelioma defendants and verdicts, we
23 added information about other cases that have resulted in
24 verdict, and information about the outcomes in terms of
25 whether they were defense or plaintiff verdicts, the amounts

1 that those cases were awarded, and the dates in which these
2 cases happened.

3 Q. In addition to the three major categories we discussed,
4 is there any additional information in the Garlock analytical
5 database that was not in the Garrison claims database?

6 A. Yes. There were a few places, a few fields that we were
7 able to supplement with publicly available information to help
8 in the analysis and also to make the database more robust.

9 For example, a number of individuals in the database did
10 not have a birthdate or a death date, and we used a file
11 called the master death file from the Social Security
12 Administration to supplement those dates.

13 So this file is just a list of all the social security
14 numbers of people who have died. And it has some basic
15 characteristics, like the person's name, his or her birthdate,
16 death date, and the last place of residence.

17 Also we supplemented the database with information that
18 we -- when not available from any other source, with
19 information from the -- a copy of the Manville trust database
20 that we have with claims filed against this trust through
21 2002.

22 We also have a copy of the claims -- Center for Claims
23 Resolution or CCR with claims through 2001, that also have
24 information about -- sometimes about claimants, in terms of
25 dates, also in terms of occupations and places of exposure.

1 And -- well, that's basically it.

2 Q. Does this slide entitled "Summary of Claimant and Claim
3 Information" in the Garlock analytical database, summarize the
4 kinds of information about individual claimants that may be
5 present in the Garlock analytical database?

6 A. Yes. This is the list of all the information that might
7 be present for a given claimant. Not every single claimant
8 has all this information, because of the way that the data was
9 received or collected in terms of -- there were some piece of
10 discovery that was present for some claimants but not for
11 others. Some claimants appeared in some publicly available
12 sources and some did not, et cetera. But this is the basic
13 information.

14 So we have very good information in terms of who were the
15 claimants who filed the claim against Garlock, and what were
16 the claim characteristics in terms of -- the claimant and
17 claim characteristics in terms of their name, their social
18 security number, important dates like birthdate -- birthdate,
19 death date, diagnosis date. Whether they are -- well, if we
20 have that date we can presume that they are deceased. We also
21 have claim information in terms of where the claim was filed,
22 the status, and the outcome of that resolution.

23 For exposure information we can see that we have all the
24 categories that I have mentioned before, and it's basically
25 information on the -- under a job and exposure histories by

1 years.

2 And finally in terms of other parties' information, is
3 information about other defendants and trusts, trust claims
4 filed and some additional -- well the ballots and the trust --
5 tort and trust recoveries.

6 Q. Are you aware of any database that contains as much
7 information about asbestos litigation and asbestos claimants
8 as the Garlock analytical database?

9 A. Well, I'm not. Since I've been working at Bates White
10 and working with asbestos-related databases, this is the -- I
11 would say that this is the database that has the most database
12 About claimants that I have ever seen.

13 Q. Let's talk about where the new information in the Garlock
14 analytical database came from. Did much of this information
15 come from discovery granted in this case?

16 A. Yes. Most of it came from discovery.

17 Q. Did Bates White review or supervise the review of every
18 piece of claimant-related discovery that the court ordered to
19 be produced in this case?

20 A. Yes. We -- we considered all the discovery granted in
21 this case, and we reviewed all the materials that were
22 submitted.

23 Q. And much of that information is now loaded into the
24 Garlock analytical database?

25 A. Yeah. The information that was most useful for the

1 estimation of Garlock's estimated liabilities has been added
2 to the database.

3 Q. Now the court is very familiar with this, but just for
4 the record, could you briefly describe the forms of discovery
5 that Bates White received and used?

6 A. Yes. The first and probably the most important piece of
7 discovery was the questionnaire. This was for -- this was a
8 questionnaire sent to all open mesothelioma cases that
9 appeared on the Garrison database at some point in time.

10 We also -- for a subset of those claimants, there was a
11 supplemental exposure questionnaire that asked for additional
12 exposure information. There was also a subset of claimants
13 that received the supplemental payment questionnaire, which is
14 the questionnaire that asked about tort and trust recoveries,
15 and the number of parties that have paid -- that have made
16 those payments.

17 We also have the discovery on the trust data from the
18 Delaware Claims Processing Facility. And we also had the
19 discovery on ballots cast from -- by claimants in 23
20 asbestos-related bankruptcies.

21 Q. Let's just briefly discuss what information was collected
22 from each form of discovery.

23 What information did you get from what you've called the
24 PIQ, and what I believe in the court's order is described as
25 the mesothelioma claimant questionnaire?

1 A. Well, the main information that this questionnaire called
2 for was information about the claimants. So information that
3 identified them in terms of their names, their social security
4 numbers, demographic information like birthdate, death date,
5 diagnosis date, the fact that whether they were alive or
6 deceased. Also detailed job and exposure information with
7 respect to Garlock products. In terms of occupation,
8 industries, locations. The way in which they were exposed to
9 Garlock's products, in terms of whether they were handling the
10 Garlock products directly, indirectly or they were next to
11 someone who was handling those products and how they were
12 handling them.

13 In terms of other asbestos products, also locations,
14 occupations, industries like complete job and exposure
15 histories.

16 With respect to the claims, it was basic claim
17 characteristics such as where the claim was filed, when it was
18 filed, what was the status -- what is the status of the claim,
19 general status of the claim, other parties that were named on
20 the complaint, and the status of the claim against those
21 parties, whether there's been trust claims filed against the
22 trusts, and what the status of those trust claims, et cetera.

23 Q. Through the questionnaire process, did Bates White learn
24 that some of the mesothelioma claims that were listed as
25 pending in the Garrison claims database, were not in fact

1 pending mesothelioma claims?

2 A. Yes. Through the process when claimants answer to the
3 questionnaire in a large number of instances, the -- they
4 would basically submitted a communication saying, my claim has
5 been already dismissed against Garlock. Or I'm withdrawing my
6 claim. Or the injured person or the mesothelioma person
7 didn't have mesothelioma, and it was actually another disease.

8 So through that process, plus the updates that Garrison
9 has made of the Garrison database, we were able to identify
10 that about 2,000 records that initially appeared in the
11 Garrison database as open mesothelioma cases, were in fact no
12 longer open mesothelioma cases or never were.

13 Q. Can you briefly describe the different reasons why a
14 claim might not be still an open mesothelioma claim?

15 A. Well, so they would say that their claim had been already
16 dismissed, as I have on the bottom right box here, that the
17 claim is already closed. In a few instances there were
18 duplicates in the Garrison database. There were -- some
19 claims were identified as inactive in the Garrison database --
20 in the most recent version of the Garrison database.

21 Or in some instances, the claimant will say that they
22 never had Garlock exposure, and that they were withdrawing
23 their claim. So in those cases we also considered that.

24 And in several cases they pointed out that they did not
25 actually have mesothelioma, that they had another disease, and

1 that therefore they were not subject to the questionnaire.

2 Q. And the slide you are referring to is entitled "Pending
3 Claims Classification After Data Collection"?

4 A. Correct.

5 Q. Approximately how many questionnaire submissions were
6 there?

7 A. Well, submissions, there were about 4,200 claimants
8 answering to the questionnaire. There were some additional
9 submissions from the representative saying that that claim was
10 no longer a mesothelioma open or pending claim.

11 These submissions also have attachments, and the number
12 of documents that we ultimately received from this process
13 were about 30,000 documents.

14 Q. So the questionnaire came in a variety of forms?

15 A. Yes. There were two main manners in which it came -- in
16 which we received the questionnaire. About 1,000 claimants
17 answered the questionnaire through the online portal Rust,
18 which was the agent managing the data collection for the
19 questionnaire that Rust had set up for them to submit their
20 information.

21 The rest of the claimants actually filled -- filled in
22 the fields in the paper versions of the questionnaire and
23 submitted those questionnaires as paper documents by mail to
24 Rust.

25 Q. Did Bates White review or supervise the review of every

1 piece of information that was submitted in response to the
2 court's questionnaires order?

3 A. Yes. We went through all the documents looking for the
4 information that will be responsive to the questionnaires, in
5 the case that the information was not already available on the
6 face of the questionnaire.

7 Q. How was information that was actually put on the face of
8 the questionnaire, in other words, on the form itself,
9 incorporated into the Garlock analytical database?

10 A. Well, the questionnaire order said that Garrison was to
11 transcribe those -- that information from the face of the
12 paper questionnaires to the -- into this electronic database
13 that Rust was compiling. Now, that's what Garrison did.

14 After that, Bates White conducted a round of quality
15 control on the transcriptions. We documented the error rates.
16 And based on those error rates, we decided to ask another
17 vendor, World Wide Digital, to go through the -- some of the
18 questionnaires and confirm that the data had been collected
19 correctly, and to supplement the data that might have been
20 missed by Garrison in the first round.

21 After that, we also at Bates White conducted a round of
22 quality control of that resulting data and we made sure that
23 the error rates were what we -- what we found as acceptable.

24 Q. What kind of company is World Wide Digital?

25 A. It's a company whose business -- whose main business is

1 to transcribe data from paper documents into electronic form.
2 They have personnel in India, I think, and they are able to
3 transfer vast amounts of data from paper into electronic form
4 for a very low fee per record.

5 Q. Now, that was information that was on the face of the
6 questionnaire. Did Bates White also collect data from the
7 attachments claimants sent in with their questionnaires?

8 A. Yes. We went through the questionnaires and collected
9 the data that was not reported on the face of the
10 questionnaire.

11 Q. Did Bates White follow a process for collecting
12 information from attachments to ensure that that information
13 was collected reliably and accurately?

14 A. Yes. We have a pretty strict protocol to collect the
15 data. We followed several different steps. We have four
16 review teams that participated in the data collection. And
17 every time that -- we will basically train the individuals
18 that were going to collect the data. We will do quality
19 control rounds on the data collected concurrently as the data
20 was being collected, to ensure that there was -- that all the
21 data was collected in the same way, and there were no
22 discrepancies in the data collection. After that we also
23 performed several rounds of quality control, depending on what
24 was the source of the data, and what was the nature of the
25 data itself.

1 Q. What was the main purpose of having these review teams,
2 instead of Bates White, for example, collecting all this data
3 itself?

4 A. Well, the main purpose was cost. We -- the goal was to
5 save as much money as possible to the estate. So one of the
6 teams that we used for the data collection -- we have a data
7 collection team at Bates White, but we also had Garrison staff
8 help us with data collection, and that was at no additional
9 cost, because they are already employed by Garlock, or they
10 are part of the debtors.

11 We also had a team of contract attorneys that were hired
12 by Robinson Bradshaw here in Charlotte that helped us to --
13 helped us collect data from PIQs and documents. And the
14 reason for which it was run in Charlotte as opposed to DC, was
15 because the Charlotte rates are lower than those in DC.

16 Now every time that there was any piece of information
17 that was standard enough and that was very straightforward to
18 collect, such as names on complaints that are just a list of
19 names, just really in a very organized way, we asked this
20 World Wide Digital Company to help us with the data
21 collection.

22 Now after all the data was collected, every single time
23 Bates White will go through and do a quality control round to
24 make sure that the data was collected properly, and that the
25 data was consistent, and that it was -- it met our reliability

1 rules that we have instituted.

2 Q. Did Bates White supervise all these review teams?

3 A. Yes. We had direct supervision of the review -- of the
4 teams that were reviewing these cases.

5 We will have a person from Bates White, one of the -- of
6 our most experienced claim file reviewers, because -- well,
7 something that I must say is that Bates White has done these
8 type of exercises several different times. This is not the
9 first time that we went through a process of claim-file
10 review. We've done these for multiple cases, not only
11 asbestos-related. So we have very experienced people at Bates
12 White who have gone through these processes in terms of
13 hands-on data collection.

14 So we will have one of these people meet with a team, and
15 basically stay with a team for long periods of time to ensure
16 that all the data was collected correctly. And there was
17 always an open communication between team leaders, or the team
18 itself, and the Bates White quality control team to ensure
19 that all the data was collected properly.

20 Q. What was the reviewer's goal as given to you by Bates
21 White when they were reviewing documents and collecting
22 information from you?

23 A. Well, the main goal was to collect all the data required
24 by a template that we designed. And that that data was going
25 to be collected exactly as it appeared in the documents. So

1 there was no -- there was -- there wasn't going to be any
2 interpretation from the side of the reviewers. Every question
3 that might come up will be addressed by the team leaders in
4 discussions with myself and the other quality control
5 reviewers at Bates White.

6 Q. Do you have an example for the court of how Bates White
7 collected information from documents like those attached to
8 the questionnaire?

9 A. Yes. We prepared some slides that describe the process
10 of collecting the information for work histories.

11 So what is on the screen is the picture of the template
12 that we constructed for facilitating the collection of the
13 data. This template is just how it will look to the
14 reviewers, although the data that was collected in this --
15 through this tool is the exact data that we have in the
16 database and that we have in the raw sources of the database.

17 Now, but this template was designed to make it as easy as
18 possible for the reviewers to actually fill in the -- just the
19 fields that they were looking for from the data.

20 So now our reviewer will be assigned a case. And then he
21 will go -- or he or she will go and highlight the case on the
22 list. So as you can see there, claimant number seven is
23 highlighted. So he or she will hit edit for the selected
24 case. And then there will be other data.

25 Can we go back to the prior -- all the data at the bottom

1 will appear, which is all the characteristics for that
2 claimant.

3 Now, for example, if we were to collect information in
4 terms of work history, we will push the work history button
5 which is at the bottom there, and then this window will
6 appear.

7 Now in this window we will be able to collect what were
8 the locations of this individual's job, what were the dates of
9 their job, of their employment, or their exposure there, and
10 some additional information.

11 Now if we wanted to collect the occupation that this
12 person was performing in this job site, we will click the
13 occupation button on the right. And then this new window will
14 come up.

15 And on this window we will be able to specify the exact
16 dates for that occupation within that site, that worksite,
17 what were the -- what was the actual occupation and any other
18 additional information that might be ready.

19 Now on this example we only have one record, but we will
20 have had as many occupations within a worksite that's
21 necessary. This was just an example.

22 Q. So using this tool, all the information that was provided
23 about claimants' occupations, industries, and worksites where
24 they were exposed to asbestos, were collected from the
25 submitted questionnaires?

1 A. Yes. That was the -- this is a template that we use for
2 all the data collection.

3 Q. Now I see the word "intermittently" entered in the
4 occupation field. Is that an example of something that would
5 have been entered verbatim from the documents that the
6 reviewer was reviewing?

7 A. Yes. This will be an example. This is not a
8 standardized form. So if they, for example, in the alternative,
9 if the claimant had said on the deposition or interrogatory or
10 even the questionnaire document, on and off as opposed to that,
11 then on and off will have to be written in there.

12 Q. Just to be clear, you populated the template here with
13 hypothetical data to avoid any confidential issue?

14 A. Yes. This data is not claims -- is for no claimant in
15 particular.

16 Q. Now I see a button called "source document citation".
17 Could you explain what the purpose of that was?

18 A. Well, this is a very important section in the template.
19 Because to facilitate and actually to make possible the
20 quality control of the data that we collected, we required the
21 reviewers to specify the exact document and the page number in
22 which they had found each piece of information from the --
23 when conducting the claim file review.

24 So in this case you can see that they will have -- click
25 that button. This new window will come up. And they will

1 have been able to list all the documents and the page numbers
2 and make a note if there was any detail that was necessary to
3 give for the quality control person, or to whoever that wanted
4 to review how the data had been collected.

5 Q. Now we talked about occupation, industry, and worksite.
6 But did the template that the reviewers used have similar
7 fields where they could enter the other information that might
8 have been contained in the documents that they reviewed -- the
9 questionnaire asked for?

10 A. Yes, it was. The template was basically designed after
11 the PIQ. So it included all the information that had been
12 asked for in the -- on the PIQ form.

13 Q. Is one purpose for requiring the reviewers to cite the
14 source documents, so that Bates White can perform quality
15 control on their work?

16 A. Yes. As I said, the main reason was to be able to review
17 and to ensure that the data was properly collected and that
18 the data was -- that all the data that was available had been
19 collected, and that the data that had been collected was
20 exactly what appeared on the documents.

21 Q. Could you explain for the court the quality control
22 process that Bates White followed for ensuring that the
23 information was collected reliably and accurately?

24 A. Yes. We have a slide on that.

25 So there are basically -- so the whole process starts on

1 the very left. We will assign a claim or a file to a reviewer
2 of one of the teams. Then this reviewer will collect the
3 data. And then there will be a quality control review of the
4 data collected.

5 At that point there are two things that could happen. If
6 the data needed required updates in terms of the reviewer
7 having missed a piece of information, or not having sourced a
8 piece of information, then the quality control reviewer will
9 send the document back to the original reviewer and they will
10 have a conversation about what was the -- what were the issues
11 with that file to ensure that that issue did not appear -- did
12 not happen again in the future cases.

13 Now, there were a couple of instances in which the data
14 that had been collected and that had been flagged as having an
15 issue, might have been flagged because of a misunderstanding
16 on the reviewer's part. So if that was apparent, then the
17 quality control review team will go back to other files from
18 the same reviewer to ensure that this was an issue that only
19 appeared on that specific claim, as opposed to all the claims
20 that this reviewer had reviewed.

21 I must say that this happened probably in the whole
22 process one or two times. It was very rare.

23 Now, if the quality control team did not find any issues
24 with the data or the data was correct and complete, based on
25 our review, then it will be added to the analytical database.

1 At that point there will be another review -- another
2 review step which will be conducted by Dr. Bates or myself --
3 and myself, in which we will analyze the data and look for any
4 patterns that -- or any points of data that seem to be
5 outliers that could have been an error in terms of how data
6 was collected.

7 If we identified any of those errors, then we will go
8 back to the reviewer and ask the reviewer to confirm that that
9 was exactly how the data appeared on the source documents.
10 And if it was not, then to correct the error and then the
11 whole document or just for that specific field will follow the
12 whole process all over again.

13 Now, if the -- after the data review there were no
14 identified issues, then it will just be part of the analytical
15 database and we will do the data analysis and Dr. Bates will
16 use it for his analysis.

17 Q. So the purpose of the data collection was to just capture
18 in a useable form what the document said?

19 A. Yes. The main purpose of the database was to collect all
20 the data that was relevant and to have it in a form that was
21 standardized and clean so it could be analyzed altogether or
22 in an aggregate way as necessary.

23 Q. And it would be accurate to say that there were multiple
24 levels of quality control during the collection of this data?

25 A. Yes. There were multiple -- I mean, this process could

1 have been applied two or three times to a case, depending on
2 the complexity of the case. There were also some specific
3 fields that we were -- that we were -- for which we applied
4 more rounds of quality control.

5 For example, we had this field that is the nature of
6 exposure to Garlock gasket. So how people were -- how
7 claimants were exposed to Garlock gaskets in terms of whether
8 they were cutting or removing gaskets directly, or they were
9 next to someone who was doing that, or they were at the same
10 site -- et cetera. So all of those -- when we collected that
11 information, all that information followed this process.

12 But then there were -- there was a number of claimants
13 who had provided documents and they didn't have -- and we
14 weren't able to find any nature of their contact with Garlock
15 gaskets. For those claimants to make sure that we hadn't
16 missed absolutely any information, we implemented yet another
17 round of quality control to ensure that there were no
18 additional -- there was absolutely no information that could
19 give us a clue of how they were -- how they were in contact
20 with Garlock gaskets.

21 Q. In your expert opinion, was the process that Bates White
22 followed for collecting information from documents, submitted
23 in response to the questionnaire, a reliable and accurate one?

24 A. I think it was. We -- given all the quality control
25 processes that we implemented, I think that it -- the outcome

1 of the whole process was -- is very robust and I think is very
2 reliable.

3 Q. Now, was it an expensive process to collect this
4 information?

5 A. Yes. I think it was -- it was very expensive, yes.

6 Q. Did Bates White, nevertheless, where it was able to, seek
7 to minimize the costs of collecting this information?

8 A. Yes. So every time that there was a way of saving on
9 costs, we tried to implement something to that effect.

10 As I was saying, for example, we had the Garrison team
11 here that -- sorry -- in Charlotte -- in Rochester, that were
12 helping us with the review at no extra cost. We had the team
13 of attorneys here that were helping us at lower rates. Then
14 every time that there was a task that it was structured enough
15 and easy to collect, we would give it to World Wide Digital
16 which really charged us very, very, very small fees for per
17 record.

18 Now, as in -- more generally, what we also did, is that
19 we will collect only the data that was useful for the database
20 that was to be used for estimation. So we didn't collect
21 information that wasn't going to be used for the -- in the
22 estimation.

23 So for example, there were a lot of -- there was a lot of
24 information in terms of the addresses of the claimants, or the
25 addresses of the plaintiff law firms. That information was

1 not sought and collected, for the most part, because it wasn't
2 necessary.

3 There were a lot of medical documents that -- where the
4 mesothelioma diagnosis was being discussed. We didn't collect
5 any of that information, because we took all the mesothelioma
6 claims as being mesotheliomas, regardless of what their
7 medical documents said, and given that they also said that
8 they were mesotheliomas.

9 Q. Now that -- if the claimant said they did not have
10 mesothelioma, you took that into account though?

11 A. Of course. If they affirmatively said that they did not
12 have mesothelioma, we would take that into account. But if
13 they didn't say that they do not have mesothelioma, and then
14 submitted a doctor's diagnosis document, we actually didn't
15 try to collect any additional information from that, because
16 we took it as a mesothelioma.

17 Q. Let's talk about the Supplemental Exposure Questionnaire.
18 How did data collected through that discovery device enter
19 into the Garlock analytical database?

20 A. Well, as part of the -- let me give a little background.

21 So in the first part of the questionnaire process, the
22 original PIQ, there were several claimants who submitted --
23 instead of answering on the body of the questionnaire,
24 submitted interrogatories or depositions.

25 Now, as response to the exposure questionnaire -- to

1 respond to the questionnaire, some claimants also submitted
2 interrogatories or depositions. And so the -- so out of all
3 claimants that had submitted through the PIQ, through the
4 original questionnaire or through supplemental exposure
5 questionnaire an interrogatory or deposition, we took a random
6 sample to basically collect more data in terms of which other
7 products they had been exposed to.

8 Q. So just to be clear, the original questionnaire didn't
9 ask about other products, but some claimants submitted
10 documents that described other products that they were exposed
11 to?

12 A. That's correct.

13 Q. And the supplemental exposure questionnaire did ask about
14 other products?

15 A. Yes. And we used the attachments to that questionnaire
16 as -- to -- to design the -- to draw the sample that we
17 reviewed to collect that information.

18 Q. You said that this information about other products that
19 claimants identified was collected through a sample. Did you
20 determine the representativeness of that sample?

21 A. Well, so that sample is representative of the individuals
22 who submitted an interrogatory or a deposition within the PIQ,
23 and that much I know.

24 Now whether that sample is representative of the whole
25 Garlock claimant population, that's something that

1 Dr. Bates -- that's analysis that Dr. Bates performed. And I
2 think that he was -- he was content with the
3 representativeness.

4 Q. Was the information from this other product sample
5 collected through a similar process to how you described the
6 collection of the industry and occupation data?

7 A. Yes. We basically followed the same process, the same
8 template process, and the same quality control process.

9 This is another -- well, we are now back to the beginning
10 of the tool that I was showing you before. And you can see
11 that at the bottom right there is a product exposure button.
12 So our reviewer will have clicked on that button, and then
13 this new screen will have come up.

14 On this screen they could have collected information
15 about which products -- to which products the claimant was
16 alleging to be exposed to; what was the manufacturer of these
17 products; what was the -- any other characteristics about
18 those products.

19 And as you can see on the right side, there were buttons
20 that the reviewer will be able to show this is the source
21 citation. They will be able to source all the information
22 that was collected for that effect.

23 Q. What was the standard for recording of product exposure
24 that reviewers were instructed to apply during this review?

25 A. Well, they were to collect every single product to which

1 a claimant alleged exposure. And if the manufacturer of that
2 product was available, then they were going to collect the
3 manufacturer.

4 Q. And was a similar quality control process applied to the
5 collection of this information from documents?

6 A. Yes. We followed exactly the same process. It will be
7 the same quality control process that we showed before on the
8 slide.

9 Q. What information was gathered from the Supplemental
10 Settlement Payment questionnaire?

11 A. Well, from -- this questionnaire was sent to 1,000 of the
12 questionnaire claimants, and about 850 answered the
13 questionnaire. And the question or the information sought in
14 the questionnaire, was the total amount that claimants had
15 received to that date by tort defendants, the total amount
16 that they had received of trust -- from trusts, and trust
17 payments, and then how many tort and how many trust parties
18 had made those payments.

19 Q. Did you select a sample that the Supplemental Settlement
20 Payment Questionnaire was sent to?

21 A. Yes, I did.

22 Q. How did you do that?

23 A. Well, it was just from the claimants that at the
24 moment -- at the time of the questionnaire were still
25 classified as pending mesothelioma claims. We just selected

1 1,000 of them with a straight random sampling technique.

2 Q. How was the data that was returned through the
3 Supplemental Settlement Payment Questionnaire incorporated
4 into the Garlock analytical database?

5 A. Well, it was returned on this format that is on the
6 screen. Robinson, Bradshaw received these responses, and they
7 had staff that could transcribe those responses into an Excel
8 file. Then Bates White received both the Excel file and the
9 original submissions, and we went through a quality control
10 round to make sure that all the data that had been collected by
11 Robinson, Bradshaw were correct and there was no data missed.

12 Q. What information was gathered from the data received from
13 the Delaware Claims Processing Facility?

14 A. Well, this was data on -- Garlock requested data on about
15 11,000 settlements -- civil settlements from this facility.
16 We received back more than 60,000, I believe, records, for
17 about 9,600 claimants. The information was whether these
18 claimants had filed trust claims against any of the 10 trusts
19 that -- for which we received information. What -- when that
20 claim was filed. What is the status -- or what was the status
21 at the time of that claim against each one of those trusts;
22 and if the claim had been approved for payment, what was the
23 approval date; and if it had been paid, what was the payment
24 date.

25 Q. Who were the 11,000 settled claimants that Garlock

1 requested data with respect to?

2 A. Well, there were all the settlements since 1999 through
3 petition, I believe.

4 Q. Of mesothelioma?

5 A. Mesothelioma settlements, yes.

6 Q. And you said 9,600 out of the 11,000 settlements -- 9,600
7 of those claimants had filed at least one claim with one of
8 those 10 trusts?

9 A. Correct.

10 Q. How is the data from the Delaware Claims Processing
11 Facility production incorporated into the Garlock analytical
12 database?

13 A. Well, we received the data through -- in a few different
14 Excel spreadsheets. So we did not have to collect any data.
15 We didn't have to transcribe any data. It was already in
16 database form.

17 So what we did is we compiled the data together into just
18 one file. And we reviewed the data to understand how the data
19 had been constructed. We found that there were a few
20 duplicates in the data, because in some instances it appeared
21 that a claimant had filed a claim that had been withdrawn, but
22 then the claimant had refiled the claim.

23 And in some of these instances, those will be two
24 different records on the table that we received from DCPF. So
25 in that case we will just duplicate that to count as one trust

1 submission.

2 And well, we basically went through the same process of
3 finding who were the claimants in the Garlock analytical
4 database that had provided that information, and we just
5 merged the information from the fact that they had filed one
6 of these claims, the dates, et cetera, to the main part of the
7 database.

8 Q. What information was gathered from the ballots that had
9 been subpoenaed by Garlock in the case?

10 A. Well, the information was -- the main information was
11 whether a claimant had submitted a ballot, or had submitted a
12 vote to one of these bankruptcies, and to which bankruptcy
13 they had submitted the vote.

14 To be able to identify claimants in the Garlock database,
15 what we did is collect the name of the claimants, the social
16 security number or the portion of the social security number
17 that appeared on the ballot, to be able to match it back to
18 the Garlock database, and also the plaintiff law firm who had
19 submitted the ballot. Because that was also useful for
20 identification of the claimant. And we also collected -- or
21 collected data on the date in which the ballot was due.

22 Q. Does this slide entitled, "Asbestos Bankruptcy Ballots"
23 available in this case, summarize the cases where you received
24 ballots?

25 A. Yes. It has the names of 23 bankruptcy cases for which

1 we received ballots.

2 Q. How was the information gathered from ballots?

3 A. Well, we received -- in some instances we received Excel
4 files, in some other instances -- or most of the time we
5 actually received documents, electronic documents as the one
6 that we have in the previous slide where the data needed --
7 wasn't -- we needed to collect the data off of those
8 documents.

9 For this task we asked World Wide Digital to do data
10 collection. Because it was very easy to just collect the
11 names of the claimants, and the couple of additional fields
12 that were basically attached to lists -- attached as lists to
13 these ballots.

14 So that was -- World Wide Digital entered all the data
15 from documents into Excel form that was then received by Bates
16 White, and we did reviews of the data collected by World Wide
17 Digital to make sure that the data was correct.

18 Then using the fields that I mentioned before, then we
19 will go on and try to identify the claimants in the Garlock
20 analytical database.

21 Q. In addition to discovery we talked about, did Bates White
22 also undertake a data collection effort to obtain more
23 information about resolved Garlock claims?

24 A. Yes. So to supplement information that had been
25 collected by the PIQ -- so the PIQ was -- provided information

1 for pending cases. So now to be able to make comparisons and
2 to have a complete picture of Garlock's history, what we did
3 is to select a group of resolved cases, historically, to try
4 to collect the same type of information. And for that we drew
5 a random sample of those historical cases.

6 Q. Did you design that sample of resolved cases to collect
7 information from?

8 A. Well, I implemented the sampling, although the main
9 design in terms of what were the subgroups that needed to be
10 covered by the sample, was an instruction given by Dr. Bates.

11 But his instruction was basically, I need a
12 representative sample of all historically resolved cases, and
13 we need to make sure that we have verdicts -- in this sample
14 we include all verdicts, we have settled cases, and we also
15 have dismissed cases. And we also needed to ensure that we
16 have coverage of all of Garlock's history in terms of timing.
17 So that's why we divided the claiming -- the resolution -- the
18 resolved cases historically into these three time periods to
19 ensure that there were -- in the final sample there were
20 claims from every single period.

21 Q. Does the table at the top of the slide entitled
22 "Historical Garlock Claim File Review", summarize the sampling
23 strategy for the resolved claim file review?

24 A. This shows what was the outcome of the sample selection.
25 So at the time we sampled 1,156 cases. We included all the

1 verdicts in which case you might say that it was a census of
2 the verdicts rather than a random sample. We also sampled
3 settled cases and dismissed cases, and then we sampled for
4 these three different time periods.

5 Q. After you had designed the sampling strategy, what did
6 you do?

7 A. Well, we basically asked for the documents from Garlock,
8 and they were able to produce about 785 cases. We reviewed
9 these cases, and then with the data collected, we went back to
10 the population and made sure that the groups that we had
11 targeted in the beginning, which is the first table on the
12 slide, were actually covered by the information we had
13 received. And the bottom table is what shows the coverage of
14 the resulting sample. The one that we actually reviewed.

15 Q. So you determined that the files that were actually
16 obtainable were sufficiently representative for Dr. Bates'
17 work?

18 A. We -- we verified that this was a representative sample
19 of the resolved population -- of the population of resolved
20 cases.

21 Q. Did you supplement the random sample that you described
22 with other historical claim files?

23 A. Yes, there were additional cases available. Because in
24 the files collection exercise that Garlock went through, they
25 were able to collect information or files on additional cases,

1 these were mostly resolved cases. And because these cases
2 were -- had significant amount of information available, and
3 they were already available for review, we reviewed a number
4 of them.

5 Q. Now, when we say claim files, what sorts of documents
6 does that entail?

7 A. Well, it will be -- usually will be the actual complaint.
8 In many instances we will have the interrogatories, possibly
9 multiple of them, many of them, several of them. Then we will
10 have depositions, in some cases multiple depositions. We will
11 have exhibits that were attached to the depositions or
12 interrogatories and those sorts of documents.

13 Q. What information was collected from the files that you
14 received?

15 A. Well, it was for the most part the exposure -- the job
16 and exposure history information.

17 Now the -- there was a lot of information that we have
18 collected for the PIQ claimants that was not available for the
19 resolved cases, because that information was just not
20 available to Garlock in the tort system.

21 So, for example, we were not able to collect information
22 about trust filings for these cases. And we were not -- well,
23 we don't have information about the status of the claims from
24 these claimants with respect to other defendants. We don't
25 have information about recoveries, tort and trust recoveries

1 as I was explaining before.

2 So it was -- the goal was to collect as much of the
3 information that we had collected for the PIQ from these cases
4 with the limitation of what information was available.

5 Q. Did you use the same data collection tool and quality
6 control process that you used when collecting information from
7 the questionnaires?

8 A. Yes, we used the same -- basically the same template, the
9 same process, the same quality control processes. And for the
10 most part, the same teams that collected information from the
11 PIQ.

12 Q. Now, we talked about the ballots before. Did some of the
13 ballots relate to claimants who had resolved mesothelioma
14 claims with Garlock?

15 A. Yes, the ballots -- the ballots were not restricted to
16 open or pending or to resolved cases. It was for -- we had
17 ballots for all the claimants who had voted in those
18 bankruptcies, as far as we know. Some of them -- some of the
19 ballots that we received clearly were not complete, because
20 there were documents filed in those bankruptcies counting the
21 number of ballots. And when we collected the data, we would
22 have fewer ballots than what those documents will say. But we
23 had -- we basically collected all the information that was
24 available that we received.

25 Q. Is there any other data that we haven't talked about yet

1 that went into creating the Garlock analytical database?

2 A. Well, I mentioned before the copies of the Manville and
3 CCR databases that we have at Bates White. From those
4 databases -- we used those databases to supplement the Garlock
5 analytical database in the sense that there might have been
6 some cases for which we didn't have a claim file review, and
7 were not pending mesothelioma claims, part of the PIQ, but
8 were found in these databases and they had some information in
9 terms of occupations, industries, some exposure history. So
10 we used that information to supplement the database when no
11 other source of information was available.

12 Q. Dr. Gallardo-Garcia, does your expert report contain more
13 detail on all the topics we discussed today?

14 A. Yes. On my first report we have the -- I explained all
15 the steps that we followed -- the -- each one of the data
16 sources that we used. And on the production materials that we
17 submitted after sending the -- submitting the report itself,
18 you can find all the scripts and data sources and all the
19 information that went into creating the Garlock analytical
20 database.

21 MR. WOLF: Your Honor, I have a few exhibits, may I
22 approach the witness?

23 THE COURT: Yes.

24 BY MR. WOLF:

25 Q. Dr. Gallardo-Garcia, could you look at the object that

1 I've marked as GST-8002.

2 A. Yes.

3 Q. Do you know what that is?

4 A. Yes, it's a drive that -- where the data submitted to the
5 PIQ -- basically all the data submitted in discovery was
6 copied into and also a copy of the Garlock analytical
7 database.

8 Q. So it contains copies of the PIQs that were submitted,
9 the supplemental questionnaires, the Delaware claims data, and
10 the ballots, as well as the Garlock analytical database?

11 A. Correct.

12 MR. WOLF: Your Honor, we would move to admit the
13 hard drive that I've marked as GST-8002, under seal, due to
14 the protective orders that the court has entered in this case.

15 MR. GUY: Your Honor, we have no objection. So long
16 as we have copies our expert can review them.

17 THE COURT: Okay. All right.

18 MR. WEHNER: Your Honor, we can't see inside this
19 right now, and so we'll reserve our objection until we can
20 take a look at it, but if it's as he described, we're all
21 right.

22 THE COURT: All right. We'll admit that subject to
23 the comments later.

24 (Debtors' Exhibit No. 8002 was received into
25 evidence.)

1 BY MR. WOLF:

2 Q. Dr. Gallardo-Garcia, I'm going to mark as GST-8003, a
3 copy of your slides that have been on the screen today. Is
4 the copy that I handed you a copy of your demonstrative
5 slides?

6 A. Yes, it is. I think. Yes, it is.

7 MR. WOLF: Your Honor, we move to admit that as a
8 demonstrative exhibit.

9 THE COURT: We'll admit that.

10 (Debtors' Exhibit No. 8003 was received into
11 evidence.)

12 BY MR. WOLF:

13 Q. And then finally I believe I've marked as GST-8004, a
14 copy of your expert report. Is that in fact a copy of your
15 expert report?

16 A. Yes, it is.

17 MR. WOLF: Your Honor, we move to admit GST-8004 on
18 the same basis that other expert reports have been admitted in
19 this case.

20 MR. GUY: Your Honor, no objection. I do believe
21 that by the end of the case if I say it enough times, debtor
22 counsel will need to give us copies. That's all we need.

23 MR. WOLF: I'm sorry. We have them here.

24 MR. GUY: Maybe this is the time.

25 MR. WOLF: (Handing paper writing).

1 MR. GUY: Do you have the demonstrative?

2 MR. WOLF: Yes. (Handing paper writing.)

3 MR. WEHNER: No objection.

4 (Debtors' Exhibit No. 8004 was received into
5 evidence.)

6 MR. WOLF: Thank you, Dr. Gallardo-Garcia.

7 THE COURT: Okay. Who wants to go first?

8 MR. GUY: Would we like to take a break?

9 THE COURT: I would like to go for a little while
10 first.

11 MR. GUY: Do you mind if I do the cross-examination
12 from here?

13 THE COURT: No, that's fine.

14 MR. GUY: But I do have a very sophisticated, and in
15 honor of Mr. Magee, a cheap exhibit.

16 CROSS-EXAMINATION

17 BY MR. GUY:

18 Q. We're not going to ask any lawyer to count those.

19 Now Dr. Garcia, you remember I deposed you, I think it
20 would be most expeditious if we put up Dr. Gallardo-Garcia's
21 deposition transcript, starting at page 207.

22 I deposed you and you said that you consider yourself to
23 be an expert in financial reporting?

24 A. Yes. I've been working with financial reporting
25 issues -- financial reporting cases since about 2007. And I

1 think that I have experience in that, yes.

2 Q. And Mr. Worf showed you a slide, and there's a lot of
3 companies that you've done that work for, correct?

4 A. Yes, there's a few, yes.

5 Q. And when I say, "done that work", I mean in the context
6 of financial reporting concerning asbestos liabilities.

7 A. Yeah, well, it's asbestos-expected losses, yes.

8 Q. Are you familiar as an expert in financial reporting,
9 with the Financial Accounting Standards No. 5?

10 A. I've read them a couple of times, a long time ago.

11 Q. I'll put it on the ELMO. You're familiar with that,
12 correct?

13 A. Yes, yeah.

14 Q. You've read it before, right?

15 A. Yeah.

16 Q. Now, I know you're not an accountant, sir, but I know
17 that you're an expert in financial reporting so I have one
18 just quick question on this.

19 Can you read that, sir, at the bottom, "accrual of loss
20 contingencies". Is that what you're doing in helping these
21 companies prepare estimates as to their asbestos-related
22 liabilities?

23 A. Yes.

24 Q. Can you see at the top there it talks about the
25 appropriate standards. You see it says, right here:

1 "Information available prior to issuance of the financial
2 statements indicates that it is probable that an asset has
3 been impaired, or a liability had been incurred at the date of
4 financial statements. It is implicit in this condition that
5 it must be probable that one or more future events will occur
6 in confirming the fact of the loss." Do you see that, sir?

7 A. Yes.

8 Q. And that's what you're doing for these companies, right?

9 A. Yes.

10 Q. And then it says, "the amount of loss can be reasonably
11 estimated." Do you see that?

12 A. Yes.

13 Q. So when companies engage you, they're asking you to give
14 them estimates consistent with that standard, correct?

15 A. Correct.

16 Q. You've done that for literally -- well, at least 20
17 companies?

18 A. No, well, I showed I think five in the exhibit.

19 Q. All type -- a lot?

20 A. Well, five -- between five and 10, yes.

21 Q. Well, we have it on the demonstrative, sir.

22 A. Although, not all of them were financial reporting. So
23 some of them were bankruptcies. It's just -- was a list of
24 names of companies that I've worked data -- that I've had
25 experience working with their data.

1 Q. Now, you did that for EnPro, didn't you?

2 A. Yes.

3 Q. And when you prepared the estimates, whether it be for
4 EnPro or anybody else, you're trying to figure out the amount
5 of money that a company will need to pay current and future
6 asbestos claimants, right?

7 A. Yes, in the tort system.

8 Q. Right. Are you familiar with what Judge said in his
9 order in April 2012 about what we're trying to do here today?

10 A. No, I'm not.

11 Q. All right.

12 MR. WOLF: Your Honor, the debtors have filed a
13 motion seeking to exclude evidence of the financial reporting,
14 and the estimates that Bates White did before the petition, to
15 the extent they're being used to show Garlock's liability. We
16 understand the court is probably going to hear the testimony,
17 but we would like to have a continuing objection --

18 THE COURT: All right.

19 MR. WOLF: -- on the basis of that.

20 THE COURT: I'll allow your objection, but I'll
21 allow him to examine, allow his testimony.

22 MR. NEBRIG: Your Honor, just for the record, Coltec
23 would like to preserve that objection as well.

24 THE COURT: All right.

25 MR. GUY: Your Honor, I would hope you would rule on

1 it because I have a great argument, but we'll move forward.

2 BY MR. GUY:

3 Q. Now I've been carrying this around with me for over a
4 year. I'm hoping that someone will actually focus on what I
5 think is the key language. I tried it out in all depositions
6 and I get lots of objections, but I want us to focus on
7 paragraph 10.

8 "The Court anticipates hearing appropriate evidence for
9 the purpose of making a reliable and reasonable estimate of
10 the aggregate amount of money that Garlock will require to
11 satisfy present and future mesothelioma claims."

12 Do you see that, sir?

13 A. Yes.

14 Q. And I know that there's different theories, but that's
15 what we're trying to do, correct?

16 A. Yeah, that's correct.

17 Q. And that's what you did pre-petition, isn't it, sir?

18 A. Well, it was -- it was -- in terms of reliable estimate,
19 yes, it was just in two different contexts.

20 But just to be clear on something, it is not I who is
21 trying to present an estimate of Garlock's asbestos
22 liabilities to this court, it's Dr. Bates and he's going to
23 talk about that --

24 Q. I understand.

25 A. -- when it's his turn.

1 Q. But the debtors have put you up as an expert. We know
2 you're an expert on these issues. I don't want to spend long
3 on it, I want to test what the debtors did pre-petition --
4 what other companies did pre-petition to answer the question
5 the judge has posed.

6 MR. NEBRIG: Your Honor, just briefly,
7 Dr. Gallardo-Garcia was not tendered as an expert in financial
8 reporting for the purposes of direct examination. So I think
9 going into that at this point is outside the scope.

10 MR. GUY: Your Honor --

11 THE COURT: Go ahead. Finish.

12 MR. GUY: Thank you, Your Honor.

13 Q. Now, can you tell me why it's appropriate -- well, let me
14 step back.

15 When you did these estimates for EnPro and other
16 companies as to the amounts that would be required to resolve
17 the present and future mesothelioma claims, what did you look
18 at? Did you look at the prior claims history?

19 A. Yes.

20 Q. You looked at what the company paid in the real world to
21 resolve those claims, right?

22 A. What the companies paid in the tort system, given the
23 conditions that they face in the tort system, and the -- the
24 costs that they face in that situation.

25 Q. And you looked at the historical data that was available

1 to you for each of those companies, right?

2 A. Yes. In those cases, first of all that's usually the
3 data that is available. And the -- second of all, provided
4 that they remain in the tort system and they faced similar
5 conditions, that's the data that we use.

6 Q. And Dr. Garcia, in the context of this case, the
7 equivalent database, what you looked at for all these
8 companies including EnPro, we know for this case is the
9 May 2011 database, correct, the Garrison database?

10 A. Well, it's -- it's that database, but we know
11 significantly more about the case -- the claims in that
12 database --

13 Q. I understand. But I'm just trying to lay the foundation
14 for what it is that you looked at.

15 Now you -- pre-petition you looked at that database,
16 right?

17 A. Well, we looked at the most up-to-date version of the
18 Garrison database -- or the Garlock database that existed.

19 Q. And putting aside your analytical database, I know you
20 said all the good things you did to prepare that database and
21 all the work that was done, all the quality controls. I'm
22 just focusing on the May 2011 Garrison database. That's what
23 Dr. Rabinovitz used to prepare her report; isn't it?

24 A. For the most part, I think that she used a couple
25 additional sources of information, but it was mainly that

1 database.

2 Q. For the purposes of answering my question, I want you to
3 imagine the cups there on my right is the Garrison database,
4 May 2011 database. And I want you to imagine the cups on the
5 left is the Bates White's analytical database; does that work?

6 A. Yeah, that's fine.

7 MR. CASSADA: Did you bring copies for us?

8 MR. GUY: They're on your table.

9 Q. Now, why is it appropriate when you're doing estimates
10 for EnPro and other companies that are going to be relied upon
11 in the marketplace and satisfy securities laws, that you
12 extrapolate in the future from the history of claims? Why is
13 that appropriate?

14 A. Well, it's appropriate because that's the information
15 that's available in the -- in those specific instances. Now
16 the -- that's -- that also assumes that the company's going to
17 be facing the same claim resolution dynamics that they faced
18 historically.

19 Q. In fact, in your deposition, if we can turn to page 210,
20 211, at the bottom, line 22. Line 22 through -- you said
21 "Well, first of all, because that data was available," as you
22 just said. "And second of all, because we are forecasting
23 what will be the expenditures in the tort system for those
24 defendants. So that was the data we used," right?

25 A. Yeah.

1 Q. I want to focus on EnPro. You did this, what, starting
2 in 2009?

3 A. Well, I started working on the -- with helping Dr. Bates
4 with financial reporting -- with EnPro's financial reporting
5 estimates probably 2007, sometime 2007.

6 Q. So you prepared those reports on an annual basis for
7 EnPro, and they were used in the securities filings up to the
8 bankruptcy filing, right?

9 A. Yes. They were not on an annual basis. If I remember
10 correctly, they were done every quarter first, and then I
11 think -- then we went into annual use.

12 Q. Now you provided ranges, right?

13 A. Dr. Bates did, yes.

14 Q. And those ranges changed each year, didn't they, a little
15 bit?

16 A. Yeah, there were some changes in the ranges.

17 Q. Okay. Now, we could turn to page 212 of your deposition,
18 line 9 through 21.

19 MR. WOLF: Your Honor, I don't know if this is
20 proper use of deposition. He's on the stand. He can be asked
21 the question.

22 MR. GUY: Your Honor, I'm just trying to expedite.

23 THE COURT: Go ahead.

24 BY MR. GUY:

25 Q. I'm really -- so you said there, as to why they changed,

1 "depends on the estimates. We had several statistics that we
2 used in putting those forecasts together".

3 Do you see that?

4 A. Yeah.

5 Q. You said, "for example, in the analysis that we
6 performed, the financial reporting for using Garlock's
7 history, your basic estimate, for example, the propensity to
8 sue, in a detailed way by law firms or by jurisdiction, and we
9 use different periods, and the forecasts varied at the time,"
10 correct?

11 A. Correct.

12 Q. So this was a fairly detailed endeavor, wasn't it? It
13 wasn't something that you just sort of sat down at a bar and
14 put on the back of a napkin?

15 A. Well, no, we were -- we used all the data that was
16 available to us. And as I was saying before, we tried to use
17 it in -- as economists usually do, which is to disaggregate
18 the data as much as possible to be able to capture the nuances
19 of the data.

20 Q. In doing that you used the Garrison database that
21 Dr. Rabinovitz used, didn't you, as updated at the time of the
22 bankruptcy?

23 A. Yes, the Garrison database. But we were also -- I mean,
24 yes, for the most part. There will be additional information
25 that will be provided by Garrison, for example, when the

1 Garrison database that we were using was not entirely up to
2 date, they will provide additional information and then we
3 will take it into account.

4 For example, to give an example that is parallel to what
5 we saw in this case, there were a couple of instances where we
6 will have the version of that Garrison database in a given
7 date. Then there will be -- sometime we'll go on, say three
8 weeks or so, and Garrison will let us know that there had been
9 additional settlements or additional dismissals of the report
10 since the version of the data -- since they gave us the
11 version of the database that we were using for analysis.

12 In that case they will give us that additional
13 information, and then we will add it to the Garrison database
14 to make sure that we were using the most up-to-date data. The
15 comparative to this case -- just give me a second --
16 comparative to this case will be, for example, the PIQ
17 responses about whether claimants don't have a pending
18 mesothelioma claim or not --

19 Q. I don't want to cut you off, but I'm really focusing on
20 the pre-petition database right now.

21 A. Yeah, but what I'm saying is, that's the type of data
22 that we will have used. If that data had been available, we
23 would have used it.

24 Q. Okay. So if you got new information, you properly
25 updated your database so that your forecasts would be

1 accurate, right?

2 A. That would be -- yeah, we would be using the best data
3 available --

4 Q. And in fact --

5 A. -- to us.

6 Q. -- when you were asked about the Garrison database, which
7 is the database that Dr. Peterson and Dr. Rabinovitz relied
8 upon, which was provided to them by the debtors, you said it's
9 a very robust and reliable database, that in my opinion
10 exceeds what the quality of database that we would use for
11 economic research in some other states. You said that, right?

12 MR. WOLF: Jonathan, I think you're misquoting the
13 deposition. I think he was talking about the Garlock
14 analytical database.

15 THE WITNESS: I was talking about the Garlock
16 database. I wasn't talking about the Garrison --

17 BY MR. GUY:

18 Q. So you don't think the Garrison database was robust and
19 reliable?

20 A. I think it's a good database. For the information it
21 contains, I think it is robust. Now it doesn't have all the
22 information that we used for estimation. And also we know
23 through the responses to the PIQs and the information we
24 received in this case, we know that the May 18th, 2011 version
25 is not entirely up to date.

1 Q. Okay. Now you would agree with me, sir, that if you've
2 got a group of experts on different sides of the aisle trying
3 to answer the same question posed by Judge Hodges, they should
4 be looking at the same database, shouldn't they?

5 A. I agree they should have access to all the same data. I
6 agree with that.

7 Q. You agree they should be looking at the same database,
8 don't you, sir?

9 A. That would be if they were -- if they could agree on the
10 database, I think that would be a good thing. Now the
11 databases they should be looking at is better data, not
12 incomplete or outdated data.

13 Q. Now, in this case we ended up with, it turned out, two
14 databases, didn't we? We have the May 2011 database that the
15 debtors gave to Dr. Rabinovitz and Dr. Peterson, right? And
16 then we have this database that in the background Bates White
17 is preparing, right? The analytical database?

18 A. The Garlock analytical database.

19 Q. Yeah. Two databases?

20 A. That's Bates White's database based on the Garrison
21 database.

22 Q. But they're different, aren't they? They're not the
23 same. You've got one on the left, one on the right. They're
24 not the same?

25 A. We've supplemented the Garrison database with the better

1 information that we received through the process, yes.

2 Q. Okay. Now, are the computer models that Bates White
3 uses, proprietary in any way?

4 A. Can you repeat that question, please?

5 Q. Are the computer models that Bates White uses,
6 proprietary in any way?

7 THE COURT: Why don't we take a break and get that
8 question when we come back. Let's just come back at 25 till.

9 (A brief recess was taken in the proceedings at
10 11:25; court resumed at 11:34.)

11 THE COURT: All right. Mr. Guy.

12 BY MR. GUY:

13 Q. Dr. Garcia, before we broke I was asking you about the
14 analytical database that Garlock prepared. And my question
15 was whether that was a proprietary database or not?

16 A. Well, no, it's not. I mean, it's basically the database
17 that we put together for the case. It's not Bates White's,
18 it's Garlock's.

19 Q. Now, at any point in the case, did Dr. Rabinovitz have
20 free access to that analytical database?

21 A. No, I don't think we were ever asked to give her access
22 and she didn't seek access either.

23 Q. Actually we didn't find out about that database until the
24 expert reports were filed, right?

25 A. Well, I don't know what you mean about "find out about

1 that database". So in all the cases that I've participated,
2 there is -- there is a debtors' database or an asbestos
3 defendant database. And additional information is provided in
4 the course of the case, usually for all the time, at least in
5 my experience, that information is used to supplement or
6 update the defendant's database or asbestos defendants'
7 database, and that is what is used for analysis. So, I mean,
8 that's the normal process that we follow in every case that
9 I've participated.

10 Q. Now, how many cases have you participated in, in the
11 bankruptcy arena, where you had experts representing different
12 parties looking at a database to derive estimates to provide
13 to the court?

14 A. Looking at a given database -- well, the ones that I
15 mentioned, the Plant Insulation, NARCO and ASARCO, those three
16 cases, my understanding is that all the parties, just as in
17 this case, received claims data. They also received
18 additional information that was obtained through discovery or
19 through some business record from the debtor. And we at Bates
20 White supplemented that claims data with information that we
21 collected from the available sources, and we used the
22 resulting database to do our analysis, just like we do here.

23 Q. So, for example, taking ASARCO, in that case, each expert
24 was at least using the same original data, right?

25 A. The same claims -- claims data.

1 Q. Right. Now in this case we've got two databases, one on
2 the left and one on the right. They're not the same, do you
3 agree with me, sir?

4 A. Well, no, those cups that you have there, you are saying
5 that one is the Garrison databasebase the other is the Garlock
6 databasebase. The Garlock database, is what Bates White put
7 together, based on the Garrison database.

8 So if you want to use your cups then, you could say that
9 all the cups on your right, are included in the five cups on
10 your left, plus more information because we got more
11 information in the case based on discovery.

12 Q. I agree with you 100 percent. But they're different?

13 A. Yeah. The one -- the one on the left has more
14 information that was provided in discovery, that's true.

15 Q. Now the one on the right, there was a question I asked
16 you whether it was robust and reliable. And the issue is
17 whether you were referring when you said that to the
18 analytical database, which Bates White had which no one else
19 had, or the Garrison database that everyone had.

20 And I think you said in your deposition, we turn to page
21 217, starting at line 18:

22 "I want to be clear about what we're talking about. When
23 you got the May 18, 2011 database, which had changes in it
24 from the earlier databases, correct?

25 "Correct.

1 "It had various adjustments and changes made to it,
2 correct?

3 "Correct."

4 Next page.

5 "And compared to the other databases that you used for
6 other forecasts for other companies, you would say that the
7 Garrison database" -- I'm sorry. Read at the top.

8 "You looked at that database before you did anything else
9 to it. Did you consider it to be a reliable and robust
10 database?"

11 Your answer was?

12 A. "Yes, I think that for the most part as compared to the
13 other databases that we had received in this case from
14 Garrison, it was the best record."

15 That was exactly what I meant. So compared in this case,
16 the May 18th version of the Garrison database is the best
17 version, that's true. That is, I think, a good record of
18 Garlock's claims, that claims that have been filed against
19 Garlock, that's also true. Now that it's lacking important
20 data that we now got through discovery, that is also true, and
21 that's why we used the data we got through discovery, to
22 supplement the Garrison database to get to use the best data
23 that we could get in this case.

24 Q. We're going to get to that in a minute. I just want to
25 focus on what the creditor experts has.

1 Go down to the next -- go down to the next page, line 21:

2 "Compared to the database that you used for other
3 forecasts for other companies, would you say that the Garrison
4 database is a well developed and fairly extensive database."

5 By that I mean, it's got a lot of information in it.

6 And your answer was:

7 "I think the database, the Garrison database has a
8 significant amount of information. Sometimes information that
9 is not typically collected in other asbestos-related database.
10 Through the years by doing the work for financial reporting,
11 through the comparisons that we made across the data sources,
12 we were able to determine that the information that is
13 contained in the Garrison database is substantially accurate."

14 Do you agree with that?

15 A. Absolutely.

16 Q. Now going back to the financial reporting, those
17 estimates go out what, 10 years?

18 A. Yes.

19 Q. And that's just something that's set by the accounting
20 standards?

21 A. No, I don't think that there are any standards on the
22 length of the --

23 Q. But for all the estimates you've done for all the
24 companies that you've worked for, they've already gone out 10
25 years?

1 A. Usually they go out 10 years.

2 Q. And in forecasting for the next 10 years, you look at
3 prior claims information, correct, and verdict information?

4 A. Yes.

5 Q. And you use recent claims information, don't you?

6 A. Well, we use the full history, not recent claims
7 information, the full history. And we tried to understand
8 what are the -- what's -- what it is that -- what's the
9 defendant's situation in the tort system, and how the
10 defendant came to experience the litigation that we observe in
11 the data.

12 Q. And who makes the decision how far back you go?

13 A. Well, that's based on the data analysis. If you're
14 asking specifically about the work that we did for Garlock,
15 that would have been Dr. Bates.

16 Q. So he makes the decision as to the cutoff point, as to
17 whether you go back to 2005, 2000, or 1990 or 1995, correct?

18 A. Well, it's more involved than making a decision of a
19 cutoff point. The full analysis of what are the different
20 scenarios that you can generate based on different pieces of
21 information, and that's actually one of the sources for the
22 range that you were mentioning before.

23 Q. One of the big issues in this case is, you're trying to
24 forecast in the future, so we know we looked into the past,
25 correct?

1 A. Correct.

2 Q. The question is how far in the past do you go back, what
3 is the appropriate -- I think the technical term is
4 "calibration period". Do you understand what I mean by that?

5 A. Yes, I understand.

6 Q. So, for example, do you use 2005 to 2010, or do you use,
7 2000 to 2010, right? That's a calibration period?

8 A. Yeah, those would be examples of what sometimes is called
9 "calibration period", yes.

10 Q. It's a temporal component?

11 A. Yeah.

12 Q. Okay. Now, when you did the forecast for EnPro, what
13 calibration period did you use?

14 A. I don't recall.

15 Q. You don't remember?

16 A. No. But there were different -- that's exactly what I
17 was trying to explain before. So there were multiple
18 calibration periods, because when we were generating different
19 scenarios, depending on what was the calibration period, will
20 be the estimate that we will -- that we will get. And there
21 was no single calibration period, if that's what you're
22 asking. And I don't remember what were the multiple
23 calibration periods that we might have used back in the day.

24 Q. For the 2010 securities filings that we've made, did you
25 use the period prior to 2010?

1 A. Yeah. We used the history, yeah.

2 Q. Did you exclude the history from 2005 to 2010?

3 A. Likely it was included, but I wouldn't be able to tell
4 you whether it was -- we used the calibration period that went
5 back to 2003 or only to 2008. That I don't remember.

6 Q. Now, would you agree with me, sir, that if we're going to
7 give the court true apples-to-apples comparison, that all the
8 experts need to be using the same database?

9 A. At least they should be using the same information. It's
10 clear based on my review of the data, the analytical data,
11 that Dr. Rabinovitz and Dr. Peterson provided as backup, the
12 materials to their analysis, that they did not use all the
13 information available in this case.

14 Q. Now, the additional information that was available in
15 this case that you used to supplement your Garrison database,
16 when did you get that?

17 A. Throughout the whole -- the whole case. You know, when
18 the PIQ first started, it was probably sometime in 2011 that
19 questionnaires started coming in. You know, that the data
20 is -- the last version of the data, Garrison database is from
21 May, 2011. I mean, we got several different pieces of
22 information that we received at different times.

23 Q. So, at any point in time did you say to Dr. Rabinovitz or
24 any of her colleagues, we got this new data coming in. We
25 actually think it's very reliable, we've given you a corrected

1 database that you're relying on. Now we want to make some
2 further changes, here it is, this is what we've got. This is
3 why we think it's reliable. We'd like to sit down with
4 Dr. Rabinovitz and Dr. Peterson and Dr. Bates, and all agree
5 that that information should now be included. Because
6 everybody agreed to use the May 2011 database. Did you ever
7 have that conversation with Dr. Rabinovitz?

8 A. Well, so first of all, the -- they received -- all the
9 parties, as long as I know -- as far as I know, all parties
10 received the -- exact same information. I know that the Rust,
11 talking about PIQs, had a portal where every party could just
12 log in and download the information. That was available to
13 everyone.

14 So when you say that we could have let Dr. Rabinovitz
15 know that more information was coming in and it was reliable,
16 that was information that she already knew that was coming in
17 because she received it at the same time as we did.

18 Now in terms of whether we got together and tried to
19 agree on a database, we -- we were never asked to reach out to
20 Dr. Rabinovitz, and Dr. Rabinovitz didn't reach out to us to
21 see if we were collecting the information, and that we were
22 standardizing the information that everyone had received.

23 Now there were a couple of -- there was at least one
24 instance in which there was an exchange of information between
25 the experts, and that was when -- that was probably in

1 February 2012 when the debtors were going to file a motion to
2 compel the questionnaire claimants that had substantially
3 responded to the questionnaire, to submit more information.

4 At that time, Your Honor had ordered the parties to get
5 together and to try to agree on which individuals should not
6 be included in that motion to compel.

7 And at that time we had communications with -- at least I
8 know that we have communications with people from
9 Dr. Peterson's outfit, and that there were more people on the
10 phone. I wouldn't know, I wouldn't be able to say who else
11 was there.

12 But I know that we discussed the information that we had
13 collected from the -- at a time, from the PIQ submissions, and we
14 offered -- we, as in Bates White, offered to give, provide lists
15 of all the claims that we had classified as no longer being
16 (indiscernible) claims. We provided lists through Robinson,
17 Bradshaw, we provided lists, listing all those individuals,
18 identifying in which documents we had found the information that
19 led us to believe that these were not open mesothelioma claims.

20 And there were a couple of exchanges of information after
21 that with specifically Mr. Relles who works with
22 Dr. Peterson. And well, after that, we were open to any
23 questions if there were anything that we could basically
24 review with them, and we never heard back. So we just assumed
25 that that was the end of it.

1 Q. The parties didn't reach agreement to update the database
2 as to that issue, correct?

3 A. Well, we were open for discussion, and they never reached
4 back, so we assumed that they agreed.

5 Q. Dr. Gallardo-Garcia -- sorry. I want to expedite this.
6 So we have a clean record, the parties didn't reach agreement,
7 at least Bates White and Dr. Peterson's shop, didn't reach
8 agreement to update the May 2011 database, did they?

9 A. We were not going to update the May 2011 database
10 that's -- whatever -- we were talking about the classification
11 of the claims.

12 Now, I mean, to update the May 2011 database, that was a
13 different process, because Bates White is not the
14 administrator of the database. We just received that database
15 from Garrison.

16 Q. In the beginning of the case, the debtors had a database,
17 didn't they, the database that you relied on to do the
18 financial reporting, 2010, right?

19 A. Yes.

20 Q. Garrison database. And it shows verdicts, settlements,
21 doesn't show verdict?

22 A. Doesn't show verdicts.

23 Q. Shows settlement amounts, right?

24 A. Yes.

25 Q. Shows claims, right?

1 A. Yes.

2 Q. Names, that sort of standard information?

3 A. Yes.

4 Q. You had that database, right? Correct?

5 A. Yes.

6 Q. And then the following year, because of things that were
7 taking place in the case, information that you had, you
8 updated that database, didn't you, or Garrison updated it in
9 May 2011?

10 A. Yeah, Garrison.

11 Q. Yeah. So they updated that database, didn't they, sir?

12 A. It was updated by Garrison, yes.

13 Q. Then they provided that updated database saying, this is
14 the database. You should rely on this database. It's
15 accurate, you said it in your deposition, most accurate you've
16 seen, and that was provided to the experts, wasn't it?

17 A. That was my understanding, yes.

18 Q. Now, one of the things that you take the FCR's expert to
19 task for, concerns settled claims in your rebuttal report, do
20 you remember that?

21 A. Yes, I do.

22 Q. I just want to focus on the one. We've got lots, Your
23 Honor, but we got to get through this case quickly.

24 MR. WOLF: Your Honor, one objection. We're going
25 to bring Dr. Gallardo-Garcia back to address his rebuttal

1 report after Dr. Peterson and Dr. Rabinovitz have testified.
2 It may be more judicially economic for Mr. Guy to talk about
3 his criticisms after he has had a chance to actually present
4 them.

5 THE COURT: All right. We'll let him decide what he
6 wants to do.

7 MR. GUY: We can do it later, Your Honor.

8 THE COURT: Okay.

9 MR. GUY: I don't know whether we'll have time. We
10 can do it later.

11 THE COURT: Whatever.

12 MR. GUY: Let's just get it out now so we have it on
13 the record, and I'm just going to focus on the one issue
14 because we only have limited time.

15 Q. Now, in your rebuttal report which I hope you have
16 there --

17 A. No, I don't.

18 Q. Why don't we just pull it up on the screen. Go to page
19 eight, paragraph eight.

20 Now I understand that the debtors are going to go through
21 this later, but you criticize Dr. Rabinovitz and Peterson
22 because of the databases they had, right?

23 A. Yes. Databases they constructed for their analysis, yes.

24 Q. Well, the May 2011 Garrison database, right?

25 A. Not quite. Because they took that database and they made

1 modifications to that database to construct their own
2 analytical databases.

3 Q. Now, I want to focus on No. 2, "HRA", that's
4 Dr. Rabinovitz, "incorporated relevant information that was
5 provided by the debtors to supplement the Garrison database
6 when necessary." Do you see that?

7 A. Yes.

8 Q. So we're talking about supplementing the Garrison
9 database. We're not talking about the PIQs and the ballots
10 and all of that. Because there's a lot of debate between the
11 parties as to what the PIQs mean; and whether there's
12 agreement; and how they should be interpreted; and what does a
13 ballot mean? Is a ballot really a claim or isn't it a claim?
14 We're talking here about supplementing the Garrison database
15 when necessary, okay? And you're criticizing Dr. Rabinovitz
16 because she didn't include it, correct?

17 A. Yes.

18 Q. This is your rebuttal report?

19 A. Yes.

20 Q. And your rebuttal report is dated --

21 A. April 23rd.

22 Q. Right. Your original report was February 15th, right?

23 A. Correct.

24 Q. That was when all the reports were filed, February 15th?

25 A. Correct.

1 Q. Now, one of the things that you complain about in
2 paragraph 12, "Reported 427 liquidated and disputed claims",
3 see that?

4 A. Yes.

5 Q. Both of these numbers are incorrect?

6 A. Yes, they are.

7 Q. Now, what did Dr. Rabinovitz rely upon in her report?
8 She relied upon the Debtors' response to interrogatories, if
9 you go to the next line. Do you see that?

10 A. Yeah, I see that.

11 Q. And you know that because we went over that in your
12 deposition?

13 A. Yes.

14 Q. Was she wrong to rely upon interrogatories provided to
15 her by the debtors?

16 A. No. Absolutely not.

17 Q. No, she wasn't, was she?

18 A. Absolutely not. But let me explain that paragraph.

19 The --

20 Q. You'll be able to do that.

21 A. Give me just one second, please.

22 So the -- I'm not saying -- I'm not criticizing
23 Dr. Rabinovitz for using that source of data, because Bates
24 White used that source of data to supplement that Garlock
25 analytical database. All the information that is on those

1 answers to interrogatories, is also part of the Garlock
2 analytical database.

3 What I was criticizing was the way in which that
4 information was used, because it was used erroneously.

5 Q. All right. Now when you cite to why her information is
6 not up to date, a little footnote. Footnote three. Same
7 page, Mr. Wolf.

8 Look at that. "Debtors further responses".

9 Now, the first responses were from 2012. What's the date
10 of the further responses?

11 A. Is February 7th, 2013.

12 Q. When were the expert reports due?

13 A. February 15th, 2013.

14 Q. You're not suggesting that the information that the
15 debtors updated here -- this is Robinson, Bradshaw, not you.
16 In fact, Robinson, Bradshaw gave you this information at the
17 same time, didn't they?

18 A. On February 7, yes.

19 Q. Yeah.

20 A. Yes.

21 Q. You're not suggesting that that updated information was
22 something that only became known to the debtors on February 7?

23 A. I don't know one way or the other. All I know is that it
24 was provided to Bates White on February 7. And it was
25 incorporated on Garlock's analytical database. It was used

1 for the reports submitted in February 15th.

2 Q. And Dr. Rabinovitz didn't get that until February 7th?

3 A. Just as Bates White.

4 Q. Right. And they're interrogatory responses, it's not
5 like everybody agrees that this information is accurate. It
6 relates to settlements with plaintiffs. And there's a dispute
7 between the settlements, whether those settlements took place
8 or not, correct, right?

9 A. I wouldn't know one way or the other.

10 Q. That is fair. Now --

11 A. Because that criticism is, because there is a mistake in
12 the code when she tried to include that information into her
13 database. That's not about the substance of the information.

14 Q. Dr. Garcia, I understand that. We're not talking about
15 that. What we're talking about are the cups right now. There
16 will be plenty of chance for you --

17 A. I thought we were talking about the same thing.

18 Q. -- if we have time, and it's the debtors' choice as to
19 whether they want to spend time on this or not.

20 Now, Dr. Rabinovitz got your analytical database for the
21 first time when Dr. Bates filed his initial report
22 February 15th, correct?

23 A. Correct.

24 Q. Up to that point of time it had been a secret database,
25 hadn't it?

1 A. No, it was not a secret.

2 Q. Well, you didn't tell anybody you were preparing a
3 different database? You didn't tell anybody you had five
4 cups, did you?

5 A. Well, it's not a different database. It's just that we
6 were using the information available in the case. I just
7 don't -- there is no secret about that. Every single case in
8 which I participated in asbestos, has gone through the same
9 process. There is an initial database. There is more
10 information available in the case. That information is
11 considered for the database that's used in the analysis. And
12 that's the database that we use. So there is no secret about
13 it that's -- I would say rather standard procedure.

14 Q. I want to call out to the court, so the court will have
15 it, correspondence as to when we asked for this information.
16 So we can figure out whether we were getting what we were
17 asking for in a timely fashion, or whether it was being
18 deliberately being held back, so when the expert reports were
19 filed there was a cute little gotcha.

20 I know this letter didn't go to you, sir, but I want to
21 just get it in the record.

22 July 26, 2012. This is a letter from my colleague, Kate
23 Orr, here in the courtroom. It says, you want to focus on the
24 first paragraph.

25 "We have completed our review of the debtors' responses

1 and objections. We have some additional questions. We are
2 raising these issues in a letter in an effort to avoid the
3 costs associated with our serving and your responding to
4 supplemental discovery responses. We're hopeful that we can
5 work together on these issues to reach resolution."

6 That's been our modus operandi for the last three years,
7 and I'll tell you, it hasn't been very productive.

8 Let's go to the second paragraph.

9 MR. NEBRIG: Your Honor, I object. It's
10 argumentative. He's not asking this witness any questions.

11 THE COURT: I sustain the objection.

12 MR. GUY: Your Honor, I apologize. This case has
13 been frustrating at many levels.

14 "As you know, a critical purpose of estimating the
15 debtors' present and future liabilities is to ensure that an
16 appropriate amount of money is ultimately placed in trust in
17 satisfaction of those claims. One important consideration in
18 doing so is determining the amount debtors currently owe to
19 present claimants as a result of settlements and judgments."

20 See that?

21 A. Yes.

22 Q. We're asking for that information in 2012?

23 THE COURT: You ever seen this before?

24 THE WITNESS: Not this particular letter, I don't
25 think so.

1 THE COURT: I suggest you ask somebody that knows
2 something about this letter, Mr. Guy. I don't think he knows
3 anything about it.

4 MR. GUY: Well, if you let me put Mr. Krisko on the
5 stand, I can.

6 THE COURT: Well, that's not what we're here for.
7 This whole line, I mean, if you have some authority that says
8 that one party's expert is required to give the product of its
9 labor to the other party, maybe this will be relevant, but
10 that's not my understanding of the law or in my experience in
11 dealing with these kinds of cases as a lawyer or as a judge.
12 I think they're entitled to prepare their own database, just
13 like you all are.

14 MR. GUY: Your Honor, I agree entirely. They're
15 perfectly entitled. But if the court's going to be able to
16 compare the reports, it's standard practice as Dr. Garcia
17 said, in this field, that the parties all be looking at the
18 same data. They can prepare different reports, but they need
19 to be looking at the same data.

20 THE COURT: No, I think he said that you all were
21 given exactly the same information he was given on exactly the
22 same day. Now what you do with that and how you compile it,
23 what kind of database you make out of that, that's your own
24 business. I mean, this whole line, for the last 20 minutes or
25 so, I think has been -- well, it hasn't been terribly helpful

1 to me, because I don't think you have any legal basis for what
2 you're complaining about.

3 MR. GUY: Your Honor, when we have on
4 Dr. Rabinovitz, I think we'll be able to explain to the
5 court --

6 THE COURT: The fact of the matter is, you're not
7 comparing apples-to-apples. You both have different
8 approaches. It would be reasonable that you have different
9 ways of going about what you're doing.

10 MR. GUY: Your Honor, the fundamental part that
11 we'll deal with this with Dr. Rabinovitz is simply this: The
12 reports are different. They're not in error. They're
13 different because they're using different databases, and the
14 debtor has a different database. Simple as that, Your Honor.
15 With that, I have no further questions.

16 THE COURT: That's fine. That's normal, and that's
17 exactly as I would expect it to be. It doesn't sound like
18 anybody short-sheeted anybody. You just got different ways of
19 doing what you do.

20 MR. GUY: Thank you, Your Honor.

21 THE COURT: We'll listen to each other and see where
22 we go.

23 MR. GUY: I think we made our point.

24 THE COURT: Okay. All right. Mr. Wehner.

25 CROSS EXAMINATION

1 BY MR. WEHNER:

2 Q. Good morning, Doctor.

3 A. Good morning.

4 Q. We've met before. My name is Jim Wehner. I'm here for
5 the ACC.

6 Doctor, at the beginning of your testimony today, you
7 said in response to something that Mr. Worf said, that even in
8 aggregate estimation, there's no reason to ignore the details;
9 is that what you said?

10 A. Yes.

11 Q. It's something you believe in?

12 A. Say that again, please?

13 Q. That's something you agree with.

14 A. Yes, I agree that you have data, detailed data, there's
15 no reason for ignoring the detail.

16 Q. This big database that you have constructed for the
17 Garlock case, contains information about the sites at which
18 claimants had exposure; is that right?

19 A. Yes, it's got some information about that, yes.

20 Q. It's got information about the dates at which those
21 claimants worked at those sites; is that correct?

22 A. That's correct.

23 Q. Now, you know that some asbestos trusts have something
24 called an approved site list; is that right?

25 A. Yes, I do.

1 Q. In fact, Bates White has approved trust site lists in its
2 possession; is that correct?

3 A. Yes. My understanding is that we have copies of the site
4 lists that have been published by some trusts.

5 Q. These approved site lists are lists of sites that if you
6 worked at them, a trust will presume that you had exposure to
7 the product the trust is responsible for, right?

8 A. That's my understanding.

9 Q. In fact, Bates White can take those site lists and
10 compare it to somebody's exposure profile and predict what
11 claims they will make to trusts; is that correct?

12 A. Yeah, well, we have a person at Bates White, Mr. Marc
13 Scarcella, does that type of analysis.

14 Q. Mr. Scarcella worked with you on this Garlock project,
15 didn't he?

16 A. He had some role, but not significant.

17 Q. He worked on the part of the database that had to do with
18 trust claims, didn't he?

19 A. He worked on the part of the database -- yeah, the part
20 of the database that has to do with the parties that were --
21 the party data that was collected from the multiple sources,
22 yes.

23 Q. Now, although Bates White has approved trust site lists,
24 those aren't incorporated into the Garlock analytical
25 database, are they?

1 A. The site lists?

2 Q. Yes. The approved site lists for trusts. They're not
3 part of the analytical database?

4 A. No, they are not.

5 Q. You have not conducted an analysis of what trusts the
6 claimants in the Garlock analytical database could make a
7 claim to, based on the site information that's in the
8 database, did you?

9 A. Well, we did some analysis of that. But the result was
10 that the names of the sites were reported in a way that made
11 it extremely difficult to be able to identify the site on any
12 site list.

13 Q. When Mr. Swett asked you in deposition about this, and
14 I'm looking at page 134 of your June 19th deposition, at line
15 12. Mr. Swett asked you:

16 "Did Bates White make use of any such trust-approved site
17 lists in constructing its analytical database for Garlock?"

18 You said, "No, we did not.

19 "Did it make reference to any such trust-approved site
20 lists for purposes of its analysis?"

21 And you said:

22 "No."

23 Did I read that correctly?

24 A. Correct.

25 MR. WEHNER: Thanks. That's all the questions I

1 have.

2 THE COURT: Mr. Worf.

3 MR. WORF: Very brief redirect, Your Honor.

4 REDIRECT EXAMINATION

5 BY MR. WORF:

6 Q. Mr. Gallardo-Garcia, I think the court understands the
7 point that Jonathan -- Mr. Guy was spending time on. For the
8 record I want to show page 136 of Dr. Rabinovitz's deposition.
9 You were present at that deposition, weren't you,
10 Dr. Gallardo-Garcia?

11 A. Yes, I was.

12 Q. And if you could expand the part that starts with, "By
13 Mr. Cassada".

14 Q. "We had just finished up, Dr. Rabinovitz,
15 talking about your methodology and the different steps in
16 it, and you talked about the six steps. You also talked
17 about the work that you did with the database, the
18 deduping and all that?

19 A. Yes.

20 Q. What do you do with the data in the database
21 once you're doing your report? Do you create your own
22 separate analytical database?

23 A. Yes."

24 Q. Do you understand that Dr. Rabinovitz and Dr. Peterson
25 had their own analytical databases that they constructed using

1 the Garrison claims database?

2 A. Yes. They -- on their underlying materials for their
3 reports, they included copies of those databases, and they
4 included the code that they used to construct those copies.
5 And obviously as Your Honor was saying, that they used
6 initially the Garrison database, but they ended up with
7 something different from the Garrison database. Although
8 with -- obviously with -- not with all the additional
9 information that we considered.

10 Q. Did you receive copies of their analytical databases
11 before they served their expert reports on February 15th,
12 2013?

13 A. No, we received them after they had submitted the
14 reports.

15 Q. And like I said before, we will bring you back after Dr.
16 Peterson and Dr. Rabinovitz have testified to talk about your
17 points about their analytical databases.

18 Mr. Guy was also asking you questions -- I think he was
19 using the phrase, how far in the past would you go, when you
20 were doing the financial reporting work for EnPro.

21 Do you remember when you were performing those forecasts,
22 that you used database prior to 2000 in order to calibrate the
23 model?

24 A. Yeah, we used the whole history. That's what I was
25 explaining before. That is not that you just do the analysis

1 with the most recent period of time, every single time.
2 Because you need to understand what's the process that
3 generates those claims, and what's basically the -- through
4 data analysis, what is the -- what might be the most relevant
5 portion of the history for use. So in that sense, you have to
6 consider the full history.

7 Q. Did you-all use the pre-2000 data in order to help get a
8 handle on the potential impact that trusts would have on
9 Garlock's expenditures on asbestos claims?

10 A. Yes, in those -- so when we were performing that work,
11 that the information from trust was not available, as we know
12 because -- well, in the end we received that information
13 through discovery in this case.

14 But to try to account for the fact that the trusts will
15 have some effect on future settlements, one of the things we
16 did was to look at the longer Garlock history in the 1990s.

17 MR. WOLF: No further questions.

18 Thank you, Dr. Gallardo-Garcia.

19 THE COURT: Thank you. You can step down. Thank
20 you.

21 THE WITNESS: Thank you.

22 THE COURT: Let's try to keep going until about
23 1:00, if we could.

24 MR. CASSADA: Very good.

25 THE COURT: Makes the afternoon go a little quicker.

1 MR. CASSADA: Your Honor, the debtors call
2 Dr. Charles Bates.

3 CHARLES BATES,
4 Being first duly sworn, was examined and testified as follows:

5 DIRECT EXAMINATION

6 BY MR. CASSADA:

7 Q. Dr. Bates, you've testified in this case before. Would
8 you reintroduce yourself to the court?

9 A. Yes. I'm Charles Bates.

10 Q. By whom are you employed?

11 A. I'm the chairman and founder of Bates White, LLC, a
12 Washington, DC consulting company, specializes in economics
13 and econometric consulting.

14 MR. INSELBUCH: Your Honor, could he speak a little
15 bit better into the microphone. I'm having difficulty
16 hearing.

17 THE WITNESS: Is that better, Mr. Inselbuch?

18 MR. INSELBUCH: Yes. Thank you.

19 BY MR. CASSADA:

20 Q. You're a founder of Bates White?

21 A. I am.

22 Q. Could you describe a little bit more about Bates White's
23 business and the type of work it does?

24 A. Yes. Bates White is an economic and econometric
25 consulting company. It was founded by my partner Halbert

1 White and me. My late partner who died, unfortunately last
2 year after a long battle with cancer.

3 He was my mentor at University of Rochester where I got
4 my Ph.D in econometrics. Over the course of years, we had
5 started doing work together on consulting projects at various
6 times. When I had particularly tough analytical types of
7 questions, or questions I thought would be of special interest
8 to him, I would bring him into the cases.

9 Bates White was founded 14 years ago. We have
10 approximately, at this point, say about 170 employees, for the
11 summer we're closer to 200 because of the interns we have on
12 staff. These are generally people between their third and
13 fourth year of college come and work with us to learn about
14 our business and we get a chance to look at them closely.

15 We are by reputation being a firm that specializes in
16 high-quality large litigation work, particularly when there
17 are large and deep analytical problems associated with what
18 has been called in the press "big data".

19 We have, essentially -- we were informed recently by a
20 consultant that we hired to help us figure out our strategic
21 direction on our database and IT structure, that we have more
22 of a database profile of Fortune 500 companies than a small
23 consulting firm, because of our use and management of data.

24 The database that's been talked about in here, for
25 example, in this firm -- I mean, in this matter, is actually a

1 relatively small database, relative to what we get when we're
2 dealing with terabytes of data that are associated with things
3 like credit card transactions, healthcare observations in
4 data.

5 The firm incorporates six major practice areas, of which
6 the work we're here on asbestos work is the environmental and
7 product liability area.

8 Our largest practice area is in the area of antitrust,
9 where we work on mergers matters. And in particular, have a
10 fairly robust recovery practice, helping firms sue other firms
11 to recover from price fixing matters that's actually the basis
12 of the founding of the firm was the work that we did on the
13 Vitamins antitrust case. And so the corporate finance
14 practice, healthcare practice, general litigation, and also
15 have a small but robust energy practice as well.

16 Q. Thank you.

17 Can you describe what we asked you to do in connection
18 with this estimation trial?

19 A. Well, we had -- essentially there were three charges that
20 I was given. One was to actually estimate and analyze the
21 relationship between Garlock's settlements and its liability.
22 This is an issue that's been well studied by economists over
23 the years.

24 Secondly, asked to forecast Garlock's legal liability for
25 pending and future unknown mesothelioma claims.

1 And finally I was asked to determine whether Garlock's
2 proposed funding of \$270 million would be sufficient to
3 satisfy pending and future claims under the debtors' plan of
4 reorganization.

5 Q. Did you form opinions on each of those three charges?

6 A. I did. First, with regard to the first issue, I found
7 that Garlock's settlements are multiples of its legal
8 liability. That's a term that's defined by definition given
9 to me by Robinson, Bradshaw, which we'll address shortly.

10 Second of all, I found that those legal liabilities
11 defined as Garlock's asbestos liabilities under the definition
12 that they gave me, are less than \$125 million net present
13 value discounted at a 3 percent real discount rate, and in
14 fact, it's very significantly less than that amount as I will
15 discuss in my testimony today.

16 And third, that the funding is sufficient to satisfy the
17 pending and future claims under the debtors' plan of
18 reorganization.

19 Q. How much is the debtors' proposed funding?

20 A. Proposed funding is \$270 million. I find that the amount
21 of money required for that purpose is less than that, and
22 gives a contingency for unforeseen circumstances.

23 Q. Thank you. Can you describe for the court the
24 disciplines you brought to the work you have done in this
25 case?

1 A. There's two principal disciplines. First one being
2 economics. The economics here is -- comes -- is germane
3 because we're dealing with the asbestos claims resolution,
4 which has an economic process, which the parties make
5 decisions based on their costs and their benefits. That is
6 the study of economics.

7 We bring to bear on that, basic economics which comes
8 into play, as well as particular aspects of it which includes
9 things like special fields of law and economics where these
10 issues of decisions regarding settlement and liability have
11 been well discussed. As well as game theory which discusses
12 the role that the various parties play when they're
13 negotiating settlements. These are also well-studied fields.

14 The field of game theory's the mathematical field that I
15 think was probably popularized in the movie "A Beautiful Mind"
16 about John Nash and his discussion -- the movie there on that.

17 As well as -- in looking at this I also considered the
18 fact that we have a system here of decisions that are made
19 involving multiple parties. So some of the expertise,
20 particularly in the area of general equilibrium theory, I
21 studied in the past, informs my thinking on these kinds of
22 matters. These are rather the subject area of matters which
23 are covered in the economic area.

24 In this circumstance, and in particular we want to
25 measure these processes, and that is actually the area of my

1 particular expertise, as well, which is the area I worked my
2 Ph.D dissertation, econometrics being the subject about how
3 you measure the economic processes, primarily based on
4 real-world data.

5 Because generally, though there is a field of
6 experimental economics, most of the data that you rely on is
7 broad databases of real-world data. It's about the
8 mathematical modeling of economic and financial systems,
9 former journal called *Econometrica*, about the mathematical
10 model building in that particular area.

11 And we used its model about how you do that to predict
12 and model individual decisions, business decisions. When you
13 say individuals, we mean here not just consumers and
14 economists, but other economic agents, like firms, in their
15 decisions. But to do that in a statistically reliable manner.

16 That was the subject of my academic research when I was
17 an academician. That's what I wrote my dissertation on.
18 That's what I published papers on, is that kind of methodology
19 about how you do that. Taking account of the -- all of the
20 issues that surround real-word data, the multiple dependencies
21 and homogeneity of that data that you can't control for like
22 you would in a scientific experiment.

23 Q. We'll talk more about that, obviously, as the day goes
24 on.

25 Does the proper application of econometrics require you

1 to employ a scientific method?

2 A. Well, the field of economics and econometrics use that.
3 In my work I deploy this daily, and it represents a lot of my
4 approach to virtually all problems of which I work.

5 They start with basis of observation, understanding of
6 the situation, but observing something. We get an
7 understanding of the problem that we're addressed -- that
8 comes through our observation. We form hypotheses about how
9 those -- what might explain those problems. For example, here
10 I can discuss several situations where I've done that. In
11 fact, multiyear research programs related to relationship
12 between nonmalignant claims and the underlying disease process
13 or is it an economic process.

14 We go through the data collection processes as
15 Dr. Gallardo-Garcia discussed here. The data collection
16 processes done here, as I say, an integral part of what we do.

17 We develop models. We develop both models at the more
18 general level, having to do with the model that I'm going to
19 talk about here today, which has to do with the determinant
20 relationship between settlement and liability that comes out
21 of the literature of law and economics, but also more
22 specifically in terms of modeling -- statistically modeling
23 individual situations like the way verdicts may relate to
24 underlying claimant characteristics and such.

25 Within that you use valid statistical hypothesis testing

1 as a way of knowing what it is that you're looking at, is this
2 simply the result of random chance, or whether or not it's
3 actually something that has a predictable association
4 associated with it.

5 And then of course we work on validating the model, both
6 through external observation, as well as statistical methods,
7 as well as how it fits in with the what we know about the
8 situation more broad.

9 Q. So did -- you followed a scientific approach or a
10 scientific method in each step of your estimation work?

11 A. I did. I mean, it's integral to what it is I do and how
12 I do it every step.

13 Q. Okay. Can you briefly describe your education and your
14 academic background?

15 A. Sure. I started out as a mathematic major at the
16 University of California San Diego. I was primarily
17 interested at that time in abstract mathematics. Found that
18 in my studies of abstract mathematics, that my teaching
19 assistants turned out to be 16- and 17-year-old boys who were
20 more math geniuses who worked on Navy NSA programs. So I
21 looked for more of an applied field that I could use it in,
22 got interested in the economics, because that's a field where
23 you could actually do applied abstract mathematics in a more
24 applied manner. I wound up taking the graduate courses at UC
25 San Diego in economics which were mathematics based and got a

1 second major in economics as well.

2 From there I went to the University of Rochester to study
3 with a famous general equilibrium theorist named Lionel
4 McKenzie; given my mathematical background as well, his
5 program of study that he had there, that seemed like a good
6 place for me to go. I received a Master's degree in the field
7 of applied general equilibrium theory called international
8 trade theory.

9 And it was while I was there that I met Halbert White who
10 was a new assistant professor there. While I was there, I
11 became his first research assistant on his research into
12 econometric methodology at the time period when he wrote a
13 number of what are seminal papers and the most widely cited
14 papers in the field of economics today, during that time
15 period when he was there.

16 I left University of Rochester, I didn't really finish my
17 dissertation right away, but through a few months on the road
18 having to deal with some health issues, went and convalesced
19 in San Diego where I worked with Dr. White finishing my Ph.D.
20 in economics and taught at the department there, and then took
21 the position as assistant professor at the Department of
22 Economics at Johns Hopkins University where I did my research
23 into econometric theory and taught courses on econometric and
24 international trade theory.

25 Q. A little bit more on that.

1 Could you describe the focus of your education and
2 research that you just described?

3 A. Well, I briefly touched on this in my background. My
4 particular expertise in economics started off with a --
5 essentially a general interest in economic mathematical model
6 building. I took mathematical and modeling courses from the
7 mathematics department at UC San Diego which had segments on
8 them in economics, so I got more interested in that.

9 Particularly went to the study that is the field of
10 general equilibrium theory, which is about not individual
11 decisions, but it's more broadly about how these decisions of
12 multiple agents within a decision-making system like an
13 economy interact with each other, and on a meta level,
14 international trade and how those particular systems interact
15 with each other, accounting for the interaction of the
16 decision from the parties.

17 So, for example, it's not just about how a price might be
18 formulated within individual markets, but how there are
19 multiple markets and those interact with forming a general
20 price system. There are elements of that in that study.

21 Then of course as I describe my expertise in
22 econometrics, I believe I touched on that already, but in
23 particular it's the application of statics and mathematics to
24 modeling, to analyze the economic and financial problems.

25 In particular, much of what we do within the field of

1 econometrics, is try to get a handle and estimate things that
2 are not directly observable, such as the impact that something
3 like education may have on earnings, or the impact that race
4 may have on job opportunities.

5 These are areas which are well studied in that field, but
6 they're not directly observable, what effects are. You have
7 to tease out the results through the myriad of a term we heard
8 in this courtroom already, confounding factors. That's what
9 econometrics is specialized in.

10 Q. Have you done research and published articles in the
11 peer-reviewed literature regarding econometrics?

12 A. I have. This slide which I prepared here, shows the four
13 articles that I've had published in peer-review journals. At
14 this point the titles of them are rather daunting.

15 Q. And would you summarize your employment since you
16 departed from the ivory world of education and academics?

17 A. Yes. I like to describe myself as a bit of a reformed
18 academic, because I was involved with fairly abstract
19 mathematical methodological research and I was essentially
20 hired by KPMG in 1991 to help them work on figuring out how to
21 estimate future asbestos liability as a part of a retention
22 they had as part of the National Gypsum bankruptcy
23 proceedings.

24 I found that this work was something that I really
25 enjoyed tremendously. I liked being able to apply the

1 analytical skills that I had developed, and a lot of the
2 computer modeling, both the simulation modeling that I was
3 doing while I was at Johns Hopkins. I found that those
4 applications worked in this application as well.

5 I rose quickly through ranks at KPMG to become the
6 partner in charge of my own practice called the Economic
7 Analysis Group.

8 I was briefly enticed away from KPMG to try and bring
9 more quantitative and analytical methods to strategy consulting
10 and operational consulting at A.T. Kearney. While I was there
11 I was approached by a lawyer that I knew regarding a case that
12 he was working on that was -- which eventually turned into the
13 vitamins antitrust price fixing case, which was essentially to
14 try and recover from several companies, European companies for
15 domestic companies, such as Tysons and GMC. Companies had
16 been buying bulk vitamins and had discovered that the prices
17 of those were fixed in a cartel, primarily chaired by
18 Hoffmann-La Roche. Hoffmann-La Roche was a big client of A.T.
19 Kearney. So in order to do that work, I was not going to be
20 able to do it at A.T. Kearney and it seemed like a good
21 opportunity to step out and start a firm with Dr. Lange.

22 Q. Now focusing more on the issues that are before this
23 court, could you describe your experience in estimating future
24 asbestos-related personal injury wrongful death claims?

25 A. I can. As I mentioned before, I was hired at KPMG to

1 figure out how to estimate future asbestos liability as part
2 of the National Gypsum bankruptcy.

3 At that time there had been a number of different
4 bankruptcies and there was a number of different approaches
5 that people were taking trying to estimate the problem. I had
6 an opportunity working with the team there to start from a
7 blank slate and work upward from that.

8 When I arrived there, one of the pieces of research that
9 the team had already uncovered was from the work that was
10 being done and published by Dr. Nicholson and his colleagues,
11 and Irvin Selikoff and his colleagues, at the Mount Sinai
12 School of Medicine relating to a particular kind of modeling
13 exercise called a microsimulation model that's fairly often
14 used in a lot of economic areas -- economic fields, to
15 estimate what the future incidence of mesothelioma would be,
16 based on the historical use of asbestos. That's an exercise,
17 as I said, it's a microsimulation model.

18 What that meant was, that they would go out and they
19 would estimate the populations of people who were exposed to
20 the disease based on a lot of the research that we've seen in
21 the science phase that was presented here about the
22 relationship between the dose of asbestos, to the incidence of
23 disease, the populations that were studied, and what the level
24 of their exposures were.

25 And Dr. Nicholson and his team -- it sounds like a number

1 of those folks who were testifying in here participated in
2 some of that initial research as well -- put together this
3 comprehensive model that took estimates of the population
4 through the 1940s, '50s, '60s and '70s, based on a lot of data
5 that's maintained by the people like the Bureau of Labor and
6 Statistics and others on the size of the population that
7 worked in various occupations.

8 They formed estimates of the incidence of disease
9 associated with those -- well, the incidence of exposure --
10 excuse me -- the exposure to asbestos within each one of those
11 fields, based on their understanding of that, and then put it
12 within a computer model which would statistically age the
13 individuals through a simulation process. Where each
14 individual would get a dose of asbestos from working in a
15 particular industry or occupation, based on what their
16 research was about how much they would get, it would age them
17 a year. It would then use actuarial models relating to the
18 likelihood of them dying of natural causes, versus what they
19 call -- this is where the epidemiology part is, versus what
20 they would be -- the likelihood that they would die based on
21 their sort of cumulative exposure to asbestos and the length
22 of time that it had been since first exposed.

23 That model was continued to run with additional --
24 through each one of the individuals within the population
25 throughout time, until the last of them through an actuarial

1 basis believed to have passed away.

2 They had estimated there were about 27 million people in
3 that population, for which that was the case.

4 I took that initial model -- we had coded their initial
5 model that they had when I had arrived. So I took that model
6 and built a more sophisticated computer program model version
7 of that, and doing my own research went and visited with
8 people at -- the researchers of the National Cancer Institute
9 with Dr. Nicholson himself, with individuals that we've heard
10 about talked about in this field, Victor Roggli and Bob
11 Spirtas and Janet Hughes who have all done
12 research in epidemiology, done research on them, asking them
13 about their understanding of this model and how well it
14 performed.

15 At that point nobody had actually tested the model in any
16 way. So for the purpose of using it, it was natural in my
17 methodology to test these things. And I discovered through
18 the National Cancer Institute, a data source that would
19 provide a good basis for testing the model.

20 So I built the model and tested it against what is called
21 the SEER data, which is a cancer research program to basically
22 accumulate as much data as they can about the incidence of the
23 disease and various kind of disease.

24 And one of the disease categories that they developed in
25 the '90s was a -- well, in the '80s, was actually keeping

1 track of the mesothelioma diseases that were there.

2 And so this gave a basis of testing the forecasts of his
3 model to the incidence of disease.

4 Now, you don't have direct measure of the incidence of
5 disease in the country as well, only a sample of hospitals
6 around the country, hospitals which participate in the SEER
7 program. You also have to use a statistical basis to estimate
8 what the total incidence of disease is.

9 This was a fascinating research program that got started
10 there because you have issues of whether or not the
11 populations where the hospitals are, which are in SEER
12 program, actually are representative of the populations of
13 people with incidence of disease.

14 And when we first started doing the testing of it, it
15 looked like the model gave us on the aggregate basis, a pretty
16 good -- estimates of what the incidence of disease it was
17 based on what we could tell within the variations we had, but
18 there were some aspects that didn't line up very well at all.

19 In particular, when you looked just below the surface a
20 little bit, it didn't line up with the age of the population
21 of the people who had the disease, versus what the model
22 predicted which was quite off. It turned out to be a dataset
23 issue that they were using data from a limited sampling. And
24 by expanding, sort of, from the datasets that we knew of our
25 study of economics, and bringing in more relevant data we

1 could improve that.

2 But in doing this testing, so on, I consulted with
3 Dr. Nicholson about that. He raised issues with me that have
4 become, essentially, topics of essentially 20-year-long
5 research program that I have done. How much of the incidence
6 of disease was related to background. Because it was clear
7 through some researchers that they couldn't find -- as
8 Dr. Welch mentioned, they couldn't find the occupational
9 history associated with the asbestos exposure which was
10 associated with disease.

11 The incidence rates for women were too high, relative to
12 the -- their population and the representations in the
13 populations within the work force. So that didn't seem to
14 line up very well.

15 He also had some updates to what he would suggest that we
16 do with regard to the instance of -- excuse me, the exposure
17 levels for some of the populations. He believed, for example,
18 the exposure levels that they had for the automobile workers
19 that he put in the original model were too high and he gave me
20 an adjustment factor to those.

21 The other thing, of course, was that the populations were
22 getting older and the people were living longer and it was
23 necessary to expand the model back into the 1930s to actually
24 capture the populations of people who were not representative
25 of the model. Because this disease -- the other part of this

1 research was showing that the incidence of disease, and the
2 increase in risk of the disease was that it was continuing to
3 grow over the -- as the population -- as people got older and
4 older.

5 So a number of these features came into the model. We
6 decided at that point, we came up with a much better model --
7 in terms of its comprehensive thing, we had more detail
8 associated, it was more finely granulated on it. But it still
9 left some issues for us, particularly having to do with
10 background population and reconciling the aggregate data with
11 the -- what the model predicted at the time based on the
12 research we knew.

13 At that point we decided that the best approach to use in
14 the estimate done there to get a handle on the occupational
15 exposure to asbestos was to use the adult males, the male
16 population as opposed to the males and the females, and that
17 was the basis of the forecast we did on that.

18 That model was -- the work that we did there was -- I
19 talked at that time with folks like Dr. Peterson, and I know
20 Dr. Rabinovitz has relied on that model as well. But I've
21 continued to work on that through a research program. In
22 particular what I --

23 Q. Excuse me. Does that model have a name?

24 A. Well, it's been called -- referred to as the
25 KPMG/Nicholson model. I think that's a name that others have

1 given it. We just called it, essentially, the Nicholson --
2 the updated Nicholson model. But because, I think, through
3 reference that's how it's become to be identified.

4 Q. So in this case the court will hear about the Nicholson
5 model and some about the KPMG/Nicholson model?

6 A. Yes. And then we also refer to what we have as a Bates
7 White version of that, which is based on our research, is more
8 up to date based on the science that we have. And in
9 particular, through this case, we've been able to expand that
10 model in one important area through that research. But just
11 to relate back and to continue with that just another minute
12 with the research we did there, back in the 1990s the issue
13 was not all about mesothelioma.

14 In fact, somebody -- a company like Garlock only had
15 10 percent of its expenditures associated with resolving
16 claims in the 1990s was due to mesothelioma claims.

17 The big issue, from a financial perspective on this, was
18 about things like the nonmalignant claims in particular. And
19 that was, at that time at KPMG, a big deal trying to figure
20 that out.

21 The trouble with that is, that they didn't have a model
22 like Nicholson did for the nonmalignant claims. So the real
23 question was, how do you model that process. That became
24 another area of research that I've engaged in over the last 20
25 years. Which through the course of my work has led to some

1 interesting discussion -- excuse me -- some interesting
2 results that really led us to show the importance of the
3 economics in dealing with -- in modeling these situations.

4 At the time when we were doing it there, we were trying
5 to model it -- at KPMG we were trying to model it as a
6 biological process, and -- because these were claims that were
7 essentially the result of prevalence of disease, and something
8 that could be observed, but they weren't really leading to
9 death. And at least in only a fair small number of cases as
10 near as we could tell, and their numbers were growing.

11 And as I worked on matters throughout the 1990s, each
12 time we went and looked at another set of data with regard to
13 this, the number of those cases kept growing at a rate that
14 went up year after year, which was not essentially predictable
15 with any kind of a modeling process that we had seen before.

16 So when I started the company at Bates White, I now had
17 more control over my budgets, and how I could dedicate some
18 money and effort into doing this research. And we put some
19 effort into trying to understand that.

20 One of the things that we uncovered through our work,
21 particularly through my work with financial reporting was done
22 through U.S. Gypsum, which gave us access to work with the
23 claims data from the Center for Claims Resolution, which had
24 rather detailed data on the sites. And the sites in which --
25 they kept track of the sites of where the individuals came

1 from when they made their claims, because they were a
2 consortium of about 20, 21 different companies who would
3 divide up the expenditures that they had, both from the
4 defense basis and on the indemnity. And the way they agreed
5 to divide the expenditures up had to do with what they thought
6 would be the relative share that each one should pay to that.

7 And in many cases, you know, they had historically
8 used what they had historically paid to the environment as a
9 basis for doing that. But they kept getting claims from new
10 areas that they hadn't seen before. And on the basis of that
11 they would understand where the sites were that the claims
12 came from, and whose products within that group came from
13 those sites, and they would use that as a basis. So they had
14 a detailed database of the sites where these workers came
15 from.

16 And we, by looking at that site data, we discovered a
17 very interesting pattern. We would see that, you know, for
18 claims such as the large sites where you could get enough
19 claims where you could see the mesothelioma claims, you would
20 see a relative steady flow of claims that looked like a
21 biologic process.

22 But the nonmalignant claims you'd see virtually from --
23 you look at the time period from where they came from, there
24 would be virtually none and then there would be a huge spike
25 in the number of these, and then it would go back down to

1 barely nothing and subsequently you'd see very little. Well
2 these were the recruiting sites, that -- recruiting sites.

3 Well then it turns out that what was going on was, there
4 were companies that were coming about that would go from site
5 to site, and they would essentially do a -- essentially a
6 recruiting site where they would set up a van to do screenings
7 of the type that Dr. Welch was talking about in her testimony.
8 And on the basis of those sites, they would collect -- sign up
9 individuals who would basically form the basis of all of these
10 nonmalignant claims.

11 And as that became a business that expanded throughout
12 the country, it was essentially a process here -- an economic
13 process was more akin to a gold rush. You would have
14 businesses develop. They would have -- they would try and
15 find these sites and get these sites before others would.

16 In some cases they had particular relationships --
17 particular law firms had relationships with unions in the
18 area, and so they would have particular access to a particular
19 site.

20 But that process we could track, essentially through
21 looking at some of this data. On the basis of that we formed
22 a new hypothesis about the way in which the nonmalignant
23 claims were generated as an economic process through this
24 business, in developing this business, as opposed to a
25 biological process which was more akin to what we were seeing

1 with the mesothelioma claims.

2 Now the number of mesothelioma claims was increasing as
3 well, but at a rate it just looked like we were getting a
4 larger and larger portion of the disease out of the -- that
5 was a known level of disease. As opposed to this process,
6 which just seemed to be expanding as an economic process. We
7 developed the prediction that it would not just be a process
8 that would forecast -- that you couldn't just extrapolate this
9 process into the future, any more than you could take the
10 incidence of disease from the mesothelioma and the fact that
11 it was increasing during this period of the '90s, just
12 continue to extrapolate that into the future. You needed to
13 understand the underlying process which was generating it so
14 you knew what the future pattern was doing.

15 When you do that with a gold rush, you get the very
16 predictable outcome that the gold-rush-type model, the
17 economic model, which was that this would grow at an
18 increasing rate until you reached a point at which there was
19 nothing left to get, and then it would collapse fairly
20 rapidly. Our research in this area was predicting that that
21 would be the pattern that would occur. And in fact, that's
22 exactly what happened.

23 In fact, about the time period when we were starting to
24 do this research, was really at the period where it was
25 reaching its peak. We didn't know that until several years

1 later because the incidence of -- the claims essentially
2 fell -- came after that period. And we saw through the data
3 we would get, we'd see where the original recruitment dates
4 were -- diagnosis dates were.

5 Q. When was that, Dr. Bates, when you were --

6 A. This was in early 2000s. What was going on in the
7 background at that time while we were talking about that,
8 forecasts were being made, models that we were using, models
9 that others were using, were predicting many more claims into
10 the future.

11 And in fact, what was going on in the background was,
12 that the number of these cases that were being recruited was
13 dropping rather precipitously as the sites to which these
14 recruitings that took place became exhausted.

15 So those were a couple of kinds of things that were going
16 on at the time, and that's part of the research program that
17 we have.

18 Now we've continued to maintain a bit of a research
19 program on this. In particular, we have basically gotten more
20 insight into the relationship between what is occupationally
21 caused, and what is background mesothelioma.

22 In particular, through some of the discovery -- the
23 research that we did as part of this case, we were able to
24 actually build a better model there and came across
25 epidemiology that allowed us to basically both combine, based

1 on some research that came about fairly recently, relating the
2 relationship between the age of the claimant and type of model
3 relating age of claimant and the likelihood of getting the
4 disease independent of asbestos exposure.

5 So what we have done is used essentially econometric
6 techniques which allow us to put both models into the same
7 model. One would be a model -- essentially a Nicholson-based
8 model with updated research on population, including
9 populations that Nicholson did not include. Because he had
10 both direct and indirect exposures -- excuse me. He had only
11 individuals in his work force that were directly
12 occupationally exposed. He didn't include bystanders and
13 secondary exposure from take-home things. He did not include
14 that in his model. So, you know, wouldn't expect it to be
15 giving you the total number that you would expect of incidence
16 of disease, but you got the background as well.

17 So now we have two competing models about how the
18 incidence of disease could come back. So we used an
19 econometric technique to put both of these models in and fit
20 it to the SEER data, and it has allowed us for the first time
21 to actually come up with what we think is the best estimate.

22 Now, the amount of disease, epidemiological, that's
23 attributable to asbestos-related occupational -- but more
24 generally actually, anything associated with -- whether direct
25 or indirect -- associated with the use of asbestos in the

1 United States and how much of it is background.

2 You know, hopefully this fall -- sometime when we get
3 time after this case is done, we'll be able to put that
4 research out for review within the epidemiological community
5 as a whole.

6 We also have done a lot of work on -- we spent a lot of
7 money on research in developing models for the purpose of
8 estimating insurance allocation.

9 Within this litigation there is a lot of controversy over
10 whose insurance policy pays and when. That comes about
11 because, of course, as Your Honor's heard, there's been a --
12 there's a long latency period between when individuals are
13 first exposed to asbestos and when they get it. And when a
14 company has their liability policies over a number of years --
15 and their product liability policies they have over a number
16 of years, a lot of insurance law has developed over how those
17 policies should all come into play. Then how much each one of
18 them should pay toward any individual who essentially was
19 exposed years ago, potentially has asbestos in them for all
20 those years and gets the disease at some point.

21 And that has actually turned into a fairly -- a fairly
22 robust field of litigation, having to do with which insurance
23 company pays. And having those models and Charlie Mullin
24 played a very instrumental role in building those models that
25 we use at Bates White.

1 Q. Dr. Bates, have you published research in the area of
2 asbestos litigation?

3 A. Yes, well published here in a different sense. This is
4 not peer-reviewed publications because there are really no
5 journals for doing this kind of -- that I'm aware of --
6 publishing the kind of research that we've been doing on the
7 litigation environment itself.

8 Q. You're referring to Slide 12?

9 A. Yeah. Slide here which I have five publications.
10 There's a sixth one that I think got left off my resume in
11 2008 that has to do with essentially an update on the
12 litigation environment, more of putting out just some numbers
13 that -- what we saw about the trends that were going on within
14 the environment.

15 But this is a series of papers that's come out of the
16 internal research that we were doing. Particularly started in
17 mid-2000s, after the bankruptcy wave that Your Honor's heard
18 talked about here. It became -- as we were participating in a
19 number of these bankruptcies, became aware that the rules that
20 were being written into the TDPs were going to create a
21 potentially completely separate compensation system, that
22 would basically pay claimants separate from their tort claims,
23 even though the trusts were set up to cover, essentially, the
24 share of the liability that each of these entities that had
25 gone through bankruptcy proceedings were set up to pay.

1 So we came up with this rather nice catchy title of
2 "Having Your Tort and Eating It Too", from one of the guys on
3 my staff that came up with that, he was rather proud of it, so
4 we used it.

5 Q. These titles are at least a little more provocative than
6 your econometric publications.

7 A. Yes. Yeah, they are a little different. These were put
8 in journals like the Mealey's publication that are more like
9 commentary that we put out, as a purpose of just disseminating
10 the work that we have done amongst the people who work within
11 the field of -- work within this litigation -- companies. And
12 I suspect some of those on the other side of the aisle have
13 read these works as well.

14 And they came out of -- in many cases -- either the
15 research we're doing or some came out of the controversies
16 that -- questions that were raised, hypothesis, if you will,
17 that were raised in various conferences at various times.

18 The one in the middle there is called "Show Me the Money"
19 actually came out of -- result of some testimony that
20 Dr. Peterson gave, I think back in the Armstrong trial where
21 he was reporting on the amount of money that he thought
22 that -- he was saying that the Dan Myers was saying could get
23 recovered by individuals in the asbestos, mesothelioma claims
24 would get in asbestos tort litigation.

25 So we were not able to have that -- get access to that

1 data. Through a rather spirited debate between me and a
2 couple of prominent asbestos attorneys, John Cooney and Perry
3 Weitz, about whether or not they would show me their data
4 where they claimed what those numbers were. And so I had to
5 do it and try and get a handle on it through indirect means,
6 and that's where "Show Me the Money" came from in that paper.

7 The first two up there are the last two publications that
8 we have out, and they were essentially tracking the changing
9 and the pattern of naming that was taking place, the evolution
10 of new individuals that were being named, and essentially
11 their relationship between their tort claims and names of the
12 trust claims that they would have.

13 The first one is in fact a paper that essentially
14 outlined the techniques that Jonathan Guy was asking
15 Dr. Gallardo-Garcia about a little bit today, relating to the
16 work that Marc Scarcella does and how we can go about trying
17 to figure out what the amount of money that an individual
18 might recover through a use of site list based on work
19 history. So we put that out in a paper in 2010.

20 And in that year we started actually getting --
21 individual companies would start to hire us for the purpose of
22 seeing if we could help them figure out how much money the
23 individuals would get, and what sites the individuals would
24 actually have exposures to based on the approved site list and
25 so on.

1 Conferences, I've been approached by a few plaintiff
2 attorneys who asked whether or not we could help them with
3 doing that work, and then they kind of backed off and said,
4 well, maybe it wouldn't be a very good idea given the work --
5 who generally hires us.

6 Q. And speaking of professional conferences and gatherings,
7 have you been a frequent speaker --

8 A. I have.

9 Q. -- to professionals involved in asbestos litigation?

10 THE COURT: Mr. Guy has something.

11 MR. GUY: Your Honor, maybe this will expedite
12 things. We have no objection to Dr. Bates being qualified as
13 an expert in his field. Where we differ is on the work that
14 he did in his report.

15 So maybe this -- we can short-circuit through all
16 the speaking engagements and everything else.

17 THE COURT: All right. We'll let you go --

18 MR. CASSADA: I'm sorry.

19 THE COURT: I'll let you proceed how you --

20 MR. CASSADA: I will take Mr. Guy's cue and move a
21 little bit -- with a little more alacrity.

22 THE COURT: I'll give you a carrot. We'll go to
23 lunch as soon as you get him qualified.

24 BY MR. CASSADA:

25 Q. So you've spoken quite often at a number of conferences?

1 A. I have.

2 Q. And you have been engaged as a claims expert in a number
3 of bankruptcy cases as well?

4 A. I have.

5 Q. And are those listed on Slide 14?

6 A. They are.

7 Q. And you have been retained to do estimation work outside
8 of litigation in the asbestos area?

9 A. I have. Particularly the work -- in addition to the type
10 of work that we've done here, obviously we're retained fairly
11 frequently in matters having to do with due diligence, which
12 generally are private because of the nature of the
13 transactions with regard to those. So there's no items listed
14 there.

15 As I mentioned insurance coverage matters. But we
16 also -- I testified in front of the Senate Judiciary Committee
17 on the FAIR Act and the viability of the FAIR Act.

18 In that particular case, had found -- was actually the
19 expert that came in with the highest number that was being
20 estimated there, primarily because the FAIR Act essentially
21 wound up -- would pay a lot of individuals -- we did the study
22 of what the FAIR Act was constructed -- that it would pay a
23 lot of individuals who would get lung cancer from smoking and
24 not from asbestos exposure.

25 And the conditions of the FAIR Act, if you apply them,

1 actually, would blow through what was the proposed funding of
2 it by several multiples.

3 We also do the work that's been mentioned here in
4 financial reporting, and included on this list, of course, is
5 a company called John Crane, which Mr. Swett made reference to
6 in a number of matters here.

7 Q. Finally, do you have experience in the estimation area
8 outside of asbestos work?

9 A. I do. We have done a lot of work, just investigating
10 issues associated with tobacco, though have not provided any
11 testimony in that area. But we've done a lot of research in
12 that.

13 That is where I was an expert in a bankruptcy matter
14 having to deal with a little thing otherwise called Diacetyl,
15 a company called Chemtura, another product liability issue
16 there. Diacetyl is the chemical which gives popcorn,
17 microwave popcorn its butter flavor. I was involved with that
18 in Judge Bridges' court up there and have dealt with issues
19 relating to silica as well.

20 I've listed up here five bullets of cases that I've
21 worked on and made mention of the vitamins price fixing
22 matter, which essentially brought together a number of experts
23 there to build, essentially what would be, at that point, the
24 first and most sophisticated models for forecasting prices
25 that would be in a situation but for the price fixing activity

1 was gone on by a cartel.

2 These are a number of different matters -- what's
3 related -- what's common about them is that each one of them
4 involved a situation where the particular application had
5 never been used before. They're an application of economics
6 and econometrics to rather large complex problems with lots of
7 data associated with them. And there weren't established
8 models that said, this is what you do. Because it's a
9 problem. It's kind of a problem come about, but that's what I
10 and my firm specialize in doing, that kind of activity here.

11 MR. CASSADA: Thank you, Dr. Bates.

12 THE WITNESS: To be expedient, I won't go through
13 the details of it.

14 MR. CASSADA: Your Honor, we tender Dr. Bates as an
15 expert in economics, econometrics and asbestos-claims
16 estimation.

17 MR. INSELBUCH: Not wanting to stand between a judge
18 and his lunch, I'll defer my questions to cross-examination
19 and defer till briefing time, whether or not, whatever his
20 expertise is, his report and his testimony is supported by
21 science.

22 THE COURT: All right. We'll admit him as an expert
23 in those fields.

24 Take a break for lunch, come back at, I guess, 2:05.

25 (Lunch recess at 1:04 p.m.)

1 (Court resumes at 2:04 p.m.)

2 THE COURT: All right.

3 BY MR. CASSADA:

4 Q. Okay. Dr. Bates, now that you're qualified, I want to
5 turn to the first charge that you were given, and that is
6 evaluating the relationship between Garlock's liability and
7 its settlements.

8 Did you form an opinion with respect to the relationship
9 between Garlock's historical settlements particularly during
10 the 2000s and its liabilities?

11 A. I did.

12 Q. What is that opinion?

13 A. The opinion is that Garlock's settlements are multiples
14 of its legal liability.

15 Q. Now you mentioned earlier in the day how you had drawn
16 from the principles of law and economics. Can you describe
17 what law and economics is?

18 A. Yes. Law and economics is a field that is actually the
19 interaction between law and economics. It's essentially an
20 economic analysis applied to legal issues. It's a
21 well-established discipline. There are numerous journals and
22 associations which are essentially both article peer-reviewed
23 by both economists and lawyers, and got some rather famous
24 ones at that. A number of associations, both in the United
25 States and around the world which engage in that discipline.

1 Q. And you're referring to the journals and associations
2 enumerated on Slide 18?

3 A. I am, yes.

4 Q. Has there been specific research and articles published
5 in the field focusing on the very issue that you're addressing
6 in your report?

7 A. Yes, it's been well studied and I put four articles which
8 we referenced in my expert report which I listed on the screen
9 here. Articles that go back to the time period of, first,
10 Landes, and then Posner, in the period of early 1970s. The
11 Posner article has been cited probably over 1,100 times as the
12 judge -- famous judge on the Court of Appeals, and essentially
13 a senior lecturer at the University of Chicago Law School.

14 And there's also the articles by Priest and Klein
15 referenced over 2,000 times in articles and books, as well as
16 a couple of other papers in '85 and '96 which we'll talk about
17 in more detail. But these are prominent researchers,
18 economists and lawyers who have worked on this area.

19 Q. And George Priest, he's the Yale Law School professor
20 who's actually rendered an expert report for the debtors in
21 this case?

22 A. Correct. I've read his report.

23 Q. What does the literature tell you?

24 A. Well, there's several things that I'm going to run
25 through in terms of his literature. I mean, first of all, the

1 first thing to know is that, essentially that there is --
2 Posner, as he outlined in his article in 1973, in his
3 "Economic Approach to Legal Procedure and Judicial
4 Administration" -- that was a fairly extensive article -- but
5 one section of it is on the relationship between liabilities
6 to settlements, identifying that they're clearly not the same
7 thing. And in fact, there's something that is well understood
8 by practicing lawyers for a long time, but writing it down and
9 they're engaged in this process of formally modeling the
10 process and describing it in some detail.

11 He lays out in particular that what's important in
12 determining settlements, is not only the parties' views about
13 the trial risks and the potential jury awards which are
14 important for understanding liability, but also the costs can
15 be avoided by settling, instead of proceeding on to trial.

16 And particular the larger those costs are, relative to
17 the potential outcomes of the verdicts, the more important
18 those issues become. And that's going to be a very key issue
19 here as described through the testimony of Rick Magee and John
20 Turlik.

21 There's also other issues which is not just the hard
22 costs that matter, there's also issues that the individual's
23 attitudes toward the fact that the legal process takes time,
24 as well. So a settlement that occurs now matters. So there's
25 a value to the time saved by going through settlement instead

1 of proceeding through the litigation.

2 There's also the attitude that each of the party has
3 towards risk. A trial outcome is not a certain process in
4 either party. It's an uncertain outcome. Dr. Peterson
5 recognized that in his report and described about the
6 likelihood of mediating outcome, the risk of trial when a
7 plaintiff takes a case to trial.

8 There's the size of the award. You run the risk of
9 either on one side a very large award which has its own costs
10 associated with it, or, you know, a -- for the plaintiff, a
11 very small -- small award. So there's just the size of the
12 award. It's not just whether you win or not, but the size of
13 the award matters a lot. And our study in this reveals that
14 there's a wide variety of potential outcomes that potential
15 litigation can have.

16 In 1984 Priest and Klein, I think, wrote some articles on
17 this. And in particular they were talking a lot about the
18 difference between cases that went to trial versus the cases
19 that settled. And they developed in their article, fairly
20 formal model of the litigation decision.

21 And essentially came out with the following quote, which
22 I thought was particularly germane in this issue, "according
23 to our model, the determinants of settlement and litigation
24 are solely economic, including the expected costs to parties
25 of favorable or adverse decisions, the information that the

1 parties possess about the likelihood of success at trial, and
2 the direct costs of litigation and settlement. From this
3 proposition the model shows that the disputes selected for
4 litigation as opposed to settlement, will constitute neither a
5 random nor a representative sample of the set of all
6 disputes."

7 That's particularly important for my undertaking here
8 where I'm attempting to estimate and set out to estimate the
9 legal liability of Garlock, based on the data that we have,
10 given that we have information on verdicts, and the history of
11 verdict. But it's relative to the total volume of cases we
12 have. It's a relatively small volume of cases.

13 This is -- addresses this on Slide 20 here. But I've
14 also made reference at the bottom, and I do on several spaces
15 throughout this, make reference to where in my report I make
16 reference, and describe much of what I do here in more detail.

17 Q. Okay. Turning to Slide 21, does the literature say
18 anything about whether settlements can occur even in cases
19 where no liability exists?

20 A. Yes, it does. This is an area where -- on relative terms
21 is more recent -- a discussion about why it is that
22 settlements might occur in cases where the plaintiff himself
23 doesn't actually have a prospect of having a positive outcome
24 of going to trial.

25 There's a lot of discussion within this literature on the

1 gain theory side on whether or not it even makes sense to talk
2 about outcomes where the plaintiff doesn't have the prospect
3 of a positive outcome, given their cost of taking the case to
4 trial or not.

5 The articles -- the authors in these articles showed
6 that -- particularly the Rosenberg article, as well as the
7 more formal process of how that might occur in the Bebchuk
8 article, show that, you know, a plaintiff who has no chance of
9 winning at trial, can credibly threaten the defendant and
10 obtain a positive settlement amount. And there are -- some of
11 the dynamics in this case I think, which make that a
12 particularly suitable analysis which I'm going to talk about a
13 little bit later.

14 Basically, what they can extract from that process, is a
15 settlement up to the cost of responding, just solely to avoid
16 the cost of responding. And I think you heard, both in
17 discussions from Turlik, as well as from Rick Magee --
18 Mr. Magee, that these were significant considerations for
19 Garlock.

20 And certainly in my discussions with Paul Grant at
21 Garrison, as well as the other attorneys who work with us,
22 that these were significant considerations, given the large
23 volume of cases they have, the cost that it would take Garlock
24 simply to respond to the large number of lawsuits they have.

25 And I think that we'll find that this, for example, drove

1 much of the litigation, and the cost of the litigation in the
2 1990s in the -- much of the nonmalignant claims. And we'll
3 see that it's a very significant role here as well for the
4 vast majority of claims.

5 Mr. Magee mentioned about the percentage of cases that
6 were settled for amounts less than \$25,000. These are cases
7 that basically are -- clearly fall into the category of cases
8 that we're talking about here, because any part of the
9 litigation at all is going to cost much more than that as we
10 will see.

11 Q. Now, what does the literature tell you about how to
12 evaluate the relationship between liability and settlements?

13 A. Well, I think to describe this, it might work better if I
14 came down there, if it's all right with you.

15 Q. Sure. That's permitted. We've done that in this
16 courtroom.

17 A. Thank you. I have to see where I can stand here where I
18 can both see you and them, try to stand out of the way a
19 little bit here.

20 Your Honor, we've seen this before. This was in
21 Mr. Magee's slide, as well as in Mr. Cassada's opening. This
22 is part of the equation of what the law and economics
23 literature tell you about resolution of the determination of
24 settlements.

25 Particularly on the left-hand side of this is essentially

1 the part -- left-hand part of this, these are the components
2 which essentially -- in figuring out whether or not it wants
3 to try and settle, versus take a case to trial, is going to
4 try and handicap the outcome of taking the case to trial. And
5 on the basis of that, they're going to try and figure out what
6 the compensatory awards are, and what would be their share of
7 this award. They will take other considerations as well.

8 For here we have focused our attention solely on the
9 compensatory awards part of it. As well as the likelihood of
10 success. And these parts are essentially what the literature
11 describes as being the expected liability associated with
12 taking a case to trial.

13 So we could expect, for example, if there was -- this
14 compensatory award was perhaps facing the prospect of \$100,000
15 and you had a likelihood of success of 10 percent, then this
16 value here would be \$10,000, is what you would get.

17 And then here, what we have is, as well, is what the
18 defendant's avoidable cost. That is, what is it that I can
19 save by settling now, instead of proceeding on to the case
20 either to trial or through further litigation.

21 Those costs are what I could avoid. Here those costs
22 could be things like discovery costs, the actual cost of the
23 lawyers taking a case to trial, experts and so on.

24 As is pointed out by the literature, it clearly makes
25 sense that the highest amount the defendant would be willing

1 to pay, would be in fact no more than the combination of what
2 it expected to pay from the liability, versus the avoidable
3 costs, and that would be the highest settlement offer.

4 Clearly, this is a simplification of some of the costs
5 because the issues of risk aversion and the issue of what the
6 downside could be on a particularly bad outcome can matter.
7 But this is a basic description of that process.

8 Oops. That was the wrong thing to hit.

9 That is only half of the determination of what affects
10 the settlement. The other half of the equation is the other
11 party bargaining on the settlement. So a settlement is
12 essentially the bargain between the plaintiff and the
13 defendant over settling the case and resolving the case
14 instead of proceeding on to trial.

15 The defendant -- the plaintiff has his own valuation of
16 what the compensatory award would be. So it has its view on
17 what that could be, and to the extent that they have competent
18 professionals on each side, you would think that they would
19 have a fairly good idea of common view of what that
20 potentially would be.

21 They also have a view of what the likelihood of success
22 would be. All right. That matters.

23 But in addition, the structure of settlements in this
24 particular matter is such that we have a different component
25 to them. We also have the fact that for most cases of this

1 type, product liability cases, that the lawyers by the
2 plaintiff are paid through a contingency arrangement where the
3 plaintiff has to pay the amount that they pay to their
4 lawyers, not based on the time they spend, but whatever the
5 outcome is they get a percentage of it.

6 They also have costs that can be avoided by going to
7 trial. Obviously they have to pay their lawyers a contingency
8 fee whether they settle or go to trial, so that's not
9 avoidable.

10 But the costs that could be avoidable are the direct
11 costs of going to trial. The time of delay would be
12 associated with that. But in the end, they also have an
13 amount that would be the lowest amount they would take to
14 settlement.

15 And to the extent that this amount here is less than this
16 amount here, you would expect there to be a range over which
17 they would have to bargain to get a particular outcome.
18 That's where we bring in, essentially, the gain theoretic part
19 of this, which is to say, where do you expect to see -- given
20 this range of possible outcomes, where would you expect to see
21 a settlement.

22 And in the simplest example of this, you would expect to
23 see a settlement accounting for all the kinds of costs that
24 you have on both sides of the parties, the competent
25 professionals on both sides, you would expect to see

1 essentially an outcome that is about in the middle of the
2 range. That's what the economic literature predicts for you
3 on this.

4 Q. Let me ask you a relatively obvious question, at the risk
5 of being redundant, but what would happen if the defendant's
6 highest settlement offer were below the plaintiff's net
7 acceptable settlement? What would the outcome be?

8 A. That would be a case that would go to trial. I can
9 actually maybe draw a little diagram on the easel now?

10 Q. Sure.

11 A. Just to illustrate the point. Do it off to the side so
12 we have it. If you think of the equation where we have the
13 likelihood of success -- and I'm going to put two axis here.
14 I'm just going to put here the defendant's view of the
15 likelihood of success for the plaintiff. And I'm going to do
16 the same thing here for the plaintiff, likelihood of success.

17 And if they have common agreement on this -- when they're
18 both the same, you essentially have a 45-degree line. Because
19 that's where on this, regardless of which they think the
20 outcome of success is, as long as they agree on it, then they
21 would both have the same assessment. This would be bounded by
22 one -- 100 percent. That would be here as well, so that would
23 be 100 percent.

24 Now, with regard to most -- the settlements that you
25 would see, because the settlements occur, for the most part

1 you would expect to see these settlements all occur,
2 essentially if I take all the various cases we have as dots
3 around this line, they would be, perhaps not exactly on it,
4 but they certainly would be close. And we would expect to see
5 numbers with them.

6 What happens if essentially their evaluation -- we have a
7 combination which is off this mark? Well, if it's up in here,
8 this would be a combination where the defense thinks its
9 likelihood -- of the plaintiff's likelihood of success is
10 high, but the plaintiff has a low evaluation.

11 In that case you're simply going to get an outcome where
12 the plaintiff basically gets a windfall because the defendant
13 is going to settle even though the plaintiff doesn't think he
14 has much of a chance to win.

15 A case down here, is a case now where the plaintiff
16 thinks he has a higher likelihood of winning than does the
17 defendant. And so long as it's far enough, the difference
18 between those is enough, this is a case that would go to
19 trial.

20 So cases that are essentially a disagreement, and that
21 comes out of the literature that we had from Priest and Klein,
22 the literature would be such that these are places of terms of
23 the likelihood of success that you would expect to see when
24 there is -- of the cases that would go to trial. So by
25 definition, in some respects, they are different from cases

1 that settle.

2 Q. So you talked about the importance of avoidable costs in
3 determining settlements. Are plaintiffs' and defendants'
4 avoidable costs in asbestos litigation the same?

5 A. Well, there are some elements of them the same, but they
6 also have differences between them. I think I made references
7 to it in the other -- on the prior slide.

8 Essentially -- we have, essentially, on the defendant's
9 side, they pay their lawyers by the hour. They can use
10 various combinations of ways to do that, but attempts to try
11 and put some arrangement on that is somewhat contingent, but
12 it's really hard to do.

13 They pay their attorneys by the hour, and when they
14 settle they save all those future costs. They have those
15 costs through summary judgment. They have the costs that go
16 through trial, at trial. They have costs for appeals. They
17 have costs to obtain co-defendant contribution. They have
18 costs associated -- if they're making an appeal, of money for
19 bond, posting bond should they win to try to take cases
20 through appeal. That's been an important element a couple
21 times in trials for Garlock. They have costs for experts, and
22 then they have other trial expenses, incidental expenses.

23 These last two are costs that they both share, both the
24 plaintiffs and the defendants share. They both have experts
25 that they have to pay for out of pockets and they have other

1 trial expenses.

2 The plaintiffs, on the other hand, don't pay for the
3 lawyers directly out of -- by the hour. They pay the lawyers
4 whether they settled, and -- or whether they go to trial, the
5 lawyers get a percentage of whatever the take is.

6 They do, however, have perhaps -- I've heard it mentioned
7 a number of times, they have particular costs, emotional costs
8 of attending the trial which comes into play here. Reliving
9 the experience, in particular, an emotional situation, is
10 something that could be taken and should be taken into
11 consideration.

12 And of course the time value here, which in their case
13 the time value is the delay in getting paid. For the costs on
14 the other side for the plaintiff -- for the defendant, that's
15 not a cost, because they actually keep the money that they
16 would otherwise lose in the settlement, but they do have to
17 pay the other costs.

18 Essentially, the contingency fee arrangement between
19 plaintiffs and their representatives, plaintiffs cannot avoid
20 the lawyer costs by settling, and that's a key element of this
21 litigation.

22 Q. Can you describe an example of disparity in the cost of
23 defendants and plaintiffs in a specific case?

24 A. Yes, I mean, this is an example I've taken from some
25 actual bills in a case that was provided to me by Garlock.

1 This is a case that has been mentioned in court, I won't
2 mention the name of it, just simply because of the privacy
3 concerns issues. It's talked to in my report on pages 83 to
4 91. This case I got the detailed daily bills for most of the
5 costs involved with this.

6 The blue line -- what I've done with those bills, I've
7 constructed -- in fact, gone to the end, figured out what the
8 total bills are, then going back through time figured out how
9 much they could have saved if they had settled on that date.

10 So this is a trial that's case had essentially -- was
11 scheduled for trial around this period, and proceeded to trial
12 on the 17th of April, and then concluded several weeks later
13 here into May.

14 So what we're measuring on that side here, is eventual
15 bills for the case. This case settled here, as was discussed
16 earlier in the hearing. This case had bills that were in
17 excess of \$500,000. So on each of these dates, what we see
18 from the blue line is how much the defendant would have saved
19 by settling on that date instead of going ahead and proceeding
20 to trial.

21 Now, I don't actually have the bills for the plaintiffs.
22 That's not something that was given to me. But what I've done
23 is, to create a constructive proforma is, I've abstracted from
24 this the part of the bills that are not associated with the
25 lawyers' time. So the expert's time and the other bills and

1 treated them as being the same on both sides.

2 Because as we've seen through bringing the experts here,
3 I don't think there's any particular reason to believe that
4 the experts on one side, that kind of cost on one side are
5 different from the kind of costs on the other side. So I've
6 put that into this equation here.

7 What you can see then through here at any particular
8 point, I've also listed trial detail, is the amount that the
9 plaintiff -- the defendant could save by settling it in time.

10 So we have here, essentially, about \$50,000 in
11 plaintiff's avoidable costs. By the way, I have other -- I
12 think evidence that basically indicates that these are a
13 pretty good indication of what the plaintiff's costs actually
14 are.

15 Some of the lawyers for their own marketing concern put
16 them on their web sites telling about what the costs were.
17 They give the outcomes of the trials. That's one of the
18 things they give you.

19 So we have here about \$50,000 in costs. We have up there
20 nearly -- somewhere between 550 and even before the trial
21 starts, about \$430,000. That's about \$600,000 to \$500,000 in
22 expense that can be divided up between the lawyers, the
23 plaintiff and the defendant, rather than taking the case to
24 trial. So that starts off with a big pile of money, which if
25 nobody settles is going to get consumed by this.

1 Q. Is the contingency fee the only reason avoidable costs
2 are different for plaintiffs and defendants in asbestos
3 litigation?

4 A. No, it isn't. I think as that example showed, there's a
5 significant asymmetry between the costs. The costs that can
6 be avoided in this case are much larger for the defendant than
7 they are for the plaintiff.

8 Then there are other elements of this case though --
9 these cases which are structurally such that the avoidable
10 costs are different between the defendant and the plaintiff.

11 I've got two examples of this and how this works. One of
12 them is the fact that typical mesothelioma claim as we know
13 from talking from the data that we've collected in this case,
14 as well as our information we have more generally, is over 50
15 defendants on the complaint. Plaintiff depositions typically
16 only include, with one or two for the plaintiff, but the
17 defense attorneys will have multiple defendants there.

18 If you look through the complaint and look through the
19 depositions, you'll see the appearances by the attorneys for
20 the defense side they can go on for pages, they have 10, 20,
21 30 of them at times goes on for pages, depending on whether
22 they share attorneys. Plaintiff only has one or two.

23 There are multiples of costs that will basically be
24 replicated by each defendant who has to go through his own
25 expense, and has to be ready to litigate the case on their

1 own. So they cannot depend and don't depend on the other
2 attorneys. They also have conflicting issues, so they have
3 their own attorneys involved with it. So there is essentially
4 a multiplication of the costs on the side of -- the
5 defendant's side which is not there for the plaintiffs.

6 In fact, what that means though is that for the plaintiff
7 if he has -- if he's litigating against multiple defendants,
8 the plaintiff can only avoid his future costs of any
9 significance, if the last defendant is leaving the case. If
10 there's other defendants in the case, even if the Defendant 17
11 settles with the plaintiff, there's still the rest of the
12 defendants that have to go -- the plaintiff has to pursue. So
13 they still have their basic litigation costs, even though it's
14 settled with that particular defendant.

15 There are also particular docket management rules that
16 basically can make the cost -- I think even exaggerate the
17 cost asymmetries, particularly when multiple cases are
18 scheduled for trial ad seriatim.

19 I think we had an example of this yesterday when
20 Mr. Finch was up talking about -- he wanted to know who the
21 expert witnesses that Garlock would call on defense were. And
22 he wanted to know whether or not it would be only two of them,
23 in which case he didn't have to prepare for eight -- create
24 cross-examinations.

25 Whereas, you know, that kind of example here about saving

1 time and saving costs works even more in the case of -- cases,
2 for example, of a docket like in New York where they have a
3 trial docket and they will place 10, 20 cases ad seriatim.
4 Though those cases will proceed to trial, the defendant has to
5 prepare for each one of them. He doesn't know which day which
6 one will come up. Alls he knows is perhaps the order in which
7 they come to trial.

8 So he will go in the first day and find that in fact the
9 plaintiff has dropped the first two and he has to start the
10 third one. And then they do the third one, and then he finds
11 out that he's dropped the next three or four and he has to do
12 the fifth one, and it follows right on the heels of the first
13 one. So he's put in a position of having to prepare for a
14 greater number of cases than he would, if the cases proceeded,
15 you know, in a more structured, scheduled manner.

16 So, in particular, the defendant has to pay in this case
17 to prepare for all trials, all scheduled cases in the trial
18 group, because they can begin with little notice. But the
19 plaintiff firm knows which ones they will be using. If
20 they're going to let defendants out, they can target the
21 cases, which is what they do.

22 Q. Turning to Slide 26. Can you describe an example of the
23 analysis that you would undertake to determine the expected
24 outcome of a Garlock case with potential for trial risk?

25 A. Well, this is a graphic which illustrates the model that

1 I just described. We've had the top -- these are -- I've got
2 two of these that I prepared. One of these is for cases which
3 are cases which look like the kind of cases for which Garlock
4 has trial risk. Those represent, as my analysis will show and
5 I'll talk about a little bit later, about 5 percent of the
6 cases that Garlock paid in the 2000s.

7 So this is an example here. So the type line here, the
8 blue part of this illustrates the part of the chart that we
9 showed before with the description of the model with the words
10 on it.

11 So the top line is the one that Mr. Magee showed you,
12 which in this particular case we have the example of a case
13 where there's a potential trial risk of \$100,000. So that's
14 what's illustrated here on this part. So the axis here
15 measures the dollar term. So we have the far left-hand part
16 of the model, we have outcome \$100,000.

17 So, for example, if we had a \$2 million potential outcome
18 and a 5 percent chance of getting there, we have \$100,000
19 potential expected liability.

20 But the cost of taking a case to trial, looks like -- the
21 costs looked like, perhaps at the eve of the trial, of a case
22 that I showed you before, which has the costs of potentially
23 \$430,000.

24 So that defendant here, Garlock in this particular kind
25 of situation, is essentially -- faces the prospect of -- by

1 its evaluation, it has handicapped this situation as being
2 \$100,000 expected liability. Trial costs potential of
3 \$430,000. So it basically sees an expectation of an expense
4 of about \$500,000 -- \$530,000 it anticipates to take the case
5 to trial.

6 The bottom side of the chart here is the range for the
7 plaintiff. The plaintiff, what would be an acceptable
8 plaintiff -- to the settlement -- the settlement to the
9 plaintiff.

10 Well, clearly they wouldn't mind having any amount out of
11 here. But what's the lowest amount they would pay? Well, if
12 they have a common expectation of getting \$100,000 potential
13 outcome. Well, that individual plaintiff basically looks at
14 the prospect of getting, you know, \$100,000, plus it has
15 \$50,000 avoidable costs associated with this.

16 So it has -- since it's basically going to get, out of
17 this, if it has a 35 percent contingency rate, it's basically
18 going to get this amount, which is \$100,000 in outcome, it's
19 going to have to pay \$35,000 to the lawyer. It's going to
20 have \$65,000. If it cost \$50,000, either between hard costs
21 or between emotional costs or some combination of them, it
22 really only faces a prospect here of about -- taking the case
23 to trial of about \$15,000 as an outcome for this kind of case.

24 The model, however, would tell you that there's the range
25 here between what is the plaintiff's minimum acceptable

1 amount, which is around \$15,000, up to the defendant's maximum
2 amount, which is about -- over here, which is somewhere in the
3 neighborhood of \$530,000.

4 So this is the settlement range. This is what they are
5 bargaining over. In the literature that's something they
6 would call the core. So we're bargaining over this amount.
7 And where in that range will they come out.

8 Well accounting for the contingency rate that the
9 plaintiff has to pay if he gets a settlement, you would get an
10 expected settlement out of this which is about \$330,000. It's
11 not literally in the middle of this range, because you really
12 have to account for the middle of the range between what the
13 plaintiff would gain, versus what the defendant would have to
14 pay, and split the difference between them.

15 When you get that amount here, it's about a \$200,000 gain
16 to each to settling at \$330,000, instead of taking the case.
17 It's a \$200,000 gain to each, to settling the case. And it's
18 at \$330,000 instead of proceeding to trial.

19 Q. Turning to Slide 27, can you describe an example of the
20 analysis of the expected settlement outcome of a Garlock case
21 with no trial risk --

22 A. Yes.

23 Q. -- one which requires some expense to obtain a dismissal?

24 A. Correct. So as we saw in the case that we had there,
25 even if -- the example where I gave of the trial case.

1 Suppose that the plaintiff had no prospect of winning that
2 case but it cost the defendant \$65,000 on average to take the
3 case through to trial to prepare.

4 In that case, even though the plaintiff has no chance of
5 success at trial, if it can force Garlock through essentially,
6 just if you will, delay, and if Garlock wants to get out of
7 the case, and it has to go through the discovery to prepare
8 for the case, this might be the case. After all, the outcome
9 of the case is not simply dependent on -- it doesn't just
10 happen. The outcome of the case is dependent on how much
11 Garlock prepares, as well.

12 So the plaintiff has a chance to observe whether or not
13 Garlock actually does much to prepare through the litigation
14 process, the competency of its attorneys and so on.

15 So Garlock has to prepare, and if it faces the prospect
16 on average of about \$65,000 to litigate to the point where it
17 is clear to both parties, and clear to some other outside
18 agent, such as the judge, that they're going to get out of the
19 case so it doesn't have to spend anymore beyond that, then in
20 that circumstance, the plaintiff obviously be willing to take
21 anything to settle that case, but the expected bargain out of
22 this is again, taking account of the contingency rate here,
23 you expect it to be somewhere in the neighborhood of splitting
24 this amount, if you count contingency rate as an expected
25 outcome of about \$37,000 as being the expected outcome. This

1 is what is typical for 95 percent of cases which Garlock
2 settled in the 2000s.

3 Those costs were a lot less in the 1990s, as we saw from
4 John Turlik, from his description of what's gone on here, as
5 well as Mr. Magee. In the 1990s the plaintiff was putting on
6 the case against the insulation contracting companies as
7 defendants in the tort case, identifying them and putting on
8 the case for them.

9 Generally Garlock would face the cost prospect of simply
10 taking the case through deposition, doing an initial workup to
11 find out that it really faced little prospect of taking the
12 case farther and beyond in the litigation, and would be
13 sufficient to get it out of the case in many cases. And as a
14 basis of that, it really faced the prospect of somewhere
15 around 5-, \$6,000 in cases -- for most of the cases that it
16 faced. And on the basis of that, you would expect to see an
17 outcome somewhere in the neighborhood of about 3,000, to
18 \$3,500.

19 Going through the bankruptcy wave, however, the
20 plaintiffs stopped -- as we heard from testimony here --
21 plaintiffs stopped educating or espousing the insulation
22 companies as the source of their exposure.

23 They, essentially, in many cases, would continue to
24 describe them in the depositions. But in many cases Garlock
25 had to do the work instead, as described by the plaintiffs as

1 what is the obligation of Garlock to do in the cases when the
2 plaintiff no longer would do that.

3 And it's the cost of doing that work that matters.
4 That's the cost that basically drives the cost to Garlock up
5 of defending these cases and taking to the point where it has
6 established enough of the discovery record, and enough
7 litigation that it can actually face the prospect of
8 establishing that it has no liability in the vast majority of
9 the cases that it faced.

10 That increase in cost is approximately from a few
11 thousand dollars, basically almost \$60,000 on average increase
12 in cost, which had a tendency -- I've been through the model
13 as we would expect to see the average settlement rise from
14 somewhere in the neighborhood of 3-, to \$4,000 to nearly
15 \$40,000 to pay on these kinds of cases.

16 Q. Could you describe your evaluation of the reasons
17 Garlock's settlements increased from the 1990s to the 2000s?

18 A. Well, I can. First here, this is a chart which
19 essentially shows the changes that took place between the
20 1990 -- this is my analysis of where they were. Did you have
21 the pointer? I'll use that instead of standing up in front of
22 what we have.

23 So this is a table of numbers. So let me take you
24 through it a little bit. This is the application of the model
25 to the analysis of the settlement data of Garlock. I covered

1 this in my rebuttal report on pages 67 to 73.

2 Q. We're on Slide 30 now.?

3 A. Yes, this is Slide 30.

4 Essentially I divided the cases into two categories.

5 It's a slightly different division than Mr. Magee used in his
6 analysis, and it's a slightly different analysis that I did in
7 my affirmative report in that I segmented the cases slightly
8 different. And that's the result of some of the work I've
9 done in between doing the rebuttal report and doing the
10 analysis of settlement data which revealed that this division
11 was a useful one for this purpose.

12 Put the top part here refers to the 95 percent of cases
13 for which there is no trial risk to Garlock. And I'll show
14 you the analysis by which I determined that.

15 That represents in both cases, like I said, the vast
16 majority of cases. In the pre-2000 period, there were nearly
17 6,000 of those cases. They settled on average \$3,300.
18 Garlock saved on average about \$5,600. And it had little to
19 no trial risk, not detectable. I don't want to say it's zero,
20 because statistically we can't actually measure it at zero.
21 It measures at zero, but it could be marginally above that.

22 The tests I've shown that it does not -- the analysis
23 I've shown that it does not have to be much above zero. In
24 fact, it could be .03 percent, unable to detect it through
25 this amount of data. But, so it really would have to be very

1 small indeed for us to not be able to detect it.

2 For those cases, the cost of defending -- essentially the
3 average settlement went from \$3,300 up to \$37,000. We had,
4 again, vast majority of these cases -- these are, by the way,
5 are only the paid cases of Mr. Magee and his analysis which
6 included zeros in it. For this analysis I only have just the
7 paid cases.

8 That is equates to -- as I showed you before -- an
9 increase from 5,600, to \$65,000.

10 What this part of this is, these are the 5 percent of
11 cases for which they are detected actual trial risk to Garlock
12 through the settlement data. That represents two to three
13 dozen cases per year. These are the cases that Garlock paid
14 attention to. That's what the focus of the attorneys on the
15 defense. It's what preoccupied the time of Mr. Turlik, Mr.
16 Magee, Mr. Glaspy, Paul Grant. Their time was dominated by
17 dealing with these cases.

18 And in particular, going through the bankruptcy wave,
19 several things occurred to them. First of all, their trial
20 costs that they faced went from \$63,000 on average prior to
21 the period of 2000, up to an estimated average of over
22 \$430,000.

23 Now this is the amount that they saved, relative to the
24 amount that the plaintiff saved.

25 So this is not absolutely a number that -- and I can

1 clarify that, but discussed in my report -- it's actually the
2 amount over and above what the plaintiff saved in cost by
3 settling instead of defending.

4 However, it wasn't just an increase in settlement -- in
5 defense that drove the increase of the average settlement
6 which went from \$36,000 to \$335,000 for this case. It
7 actually was also a mixture of two other factors.

8 Part of it was an increase in trial risk. So for these
9 cases I detect a trial risk that is in the neighborhood of
10 about 7 percent. So in that settlement model that I had over
11 there, the liability likelihood from the plaintiff was about
12 7 percent for this 5 percent of the cases.

13 And the aggregate expenditures, the net potential
14 award -- the total potential award, not net -- total potential
15 award was \$2.1 million. Now that's not Garlock's share,
16 that's the total amount of the verdict potential on the case.
17 Garlock would share that amount if it went to trial if there
18 were other cases and there would be offsets against that if
19 there were settling parties, as there usually were.

20 Going from the 2000s to the period -- from the 1990s to
21 the 2000s, Mr. Magee described for you the risks they faced,
22 and the settlement data reveals that as well. They increased
23 from 7 percent on the trial risk cases, to approximately
24 17 percent. So there was nearly two and a half percent -- two
25 and a half fold increase in the liability likelihood going

1 from the 2000s -- from the 1990s to the 2000s.

2 At the same time there had been an increase in the
3 potential verdict amounts. That's been an interesting study
4 to understand why that occurred. And there's been some
5 hypotheses, various publications on why that amount increased.
6 But it definitely took a distinct step-up from the 1990s to
7 the 2000s.

8 My hypothesis being in one hand, that could simply be the
9 result of essentially what amounts to *Daubert* revolution
10 across the country. That cases had to be more better prepared
11 and they were better presented. It could be a selection of
12 which cases actually went to trial. Both of those have had
13 ramifications for this litigation.

14 The scope of understanding why that step-up occurred, but
15 it was beyond the scope of what we did here. And we simply
16 accepted it for the purposes of our analysis that the step up
17 did occur as we measured.

18 So those are the changes that we have -- I have figured
19 out by using the settlement data and the model between
20 relationship between liability and settlement.

21 Q. Let me ask a question. I'll let you keep control of that
22 for a little while and I want it back.

23 But how do you know -- I mean what's the analysis that
24 you undertook to determine the variables that you described on
25 Slide 30?

1 A. Well, there's a distinctive pattern on part of the
2 elements of the settlement model -- of the model that helps us
3 understand and figure out which part is which.

4 And so remember, this was the model here, again, which we
5 developed for use of this purpose, and over here we have this
6 amount here, which is the compensatory share amount.

7 So what we can figure out what that model is. We're
8 trying to figure out how much of it is represented by the
9 parts here in the blue boxes, versus how much of it is
10 represented by what's in these boxes, the avoidable costs.

11 Well, the point about this part over here is that we know
12 that these amounts here, particularly these amounts here, are
13 distinctly affected by the age of the claimant. Damages are
14 affected by the age of the plaintiff. Whereas the costs that
15 they face and they avoid are not affected by the age of the
16 plaintiff.

17 So what I have here is show you a graph of how that
18 pattern is. This is our estimate of what the potential
19 compensatory damages would be for current claimants.

20 So to construct this, we use -- and I'll talk about this
21 a little bit more later. But we used observations on verdict
22 amounts related to the various claimant characteristics, and
23 particularly the age. And a pattern that comes through in
24 this data quite strongly, is that these verdict amounts, the
25 potential verdict amounts as Mr. Magee mentioned, varies

1 strongly with age. There's a lot of variation between them.
2 But the pattern related to age is a very strong measurable
3 factor.

4 Well, the costs that are avoided, don't vary by age. How
5 much it costs to bring a case to trial and prosecute it, don't
6 actually vary by the age of claimant.

7 So knowing how much the settlements vary by age, as
8 distinct from how much they don't, basically knowing how much
9 the verdicts move by age, versus the fact that the defense
10 costs don't, allows me to tease out through the econometric
11 analysis, how much of it is attributable to the portion on the
12 left, which is due to the compensatory expected damage award,
13 versus how much of it is due to the defense costs.

14 Q. You're now on Slide 33?

15 A. Yes. Slide 33. So I told you about the two segments of
16 the way I segmented the data. In the 2000s that segmentation
17 where you get the 95 percent, not 5 percent split, occurs at
18 about \$200,000.

19 Now there's described in my report the analysis of how I
20 came up with that \$200,000, so I'm going to show you the
21 result of that here.

22 But how I came up with that \$200,000 award is a matter of
23 several different steps which I tested on some hypotheses. I
24 used statistical measures which gave me a reliable measure of
25 the breakpoint between the values for which I saw phenomenon

1 of this kind, and the ones where I don't.

2 What I see here though is, here's a chart which shows you
3 what the average settlement is by age for claimants who settle
4 their claims for less than \$200,000. Down here we have the
5 average for the claimants who are less than 56 years of age.
6 And up here are the ones greater than 86. And this just gives
7 me the average amounts.

8 Now the actual data on this looks a lot like the other
9 chart we had in terms of it being a lot of individual points.
10 After all, there's about 6,000 of these points here. So I've
11 summarized it by these blue bars with just an average in each
12 one of those age pins that I have here across this.

13 Q. Before you go to the next slide, in the middle of the
14 graph there it says, "age coefficient and confidence
15 interval".

16 A. Right.

17 Q. Can you describe what that is?

18 A. Right. So what I did with regard to all of that data is,
19 I estimated the regression relationship, again, controlling
20 for the other factors in the data, like what state they
21 belonged to, and whether or not the individual was alive or
22 dead at the time the case was filed.

23 I estimated what the impact of age would be on settlement
24 amount through the regression analysis. It came back and said
25 that the pattern of what it found numerically was measured

1 at .04 percent.

2 Remember what I said -- I don't know if I said it, but
3 for the verdict amount, that amount declined at a rate of
4 4.5 percent per year of increase in age.

5 So this picture here declines, this curve here declines
6 at a rate of about 4.5 percent per year.

7 Q. You're referring to Slide 32?

8 A. Slide 32, correct. Whereas on Slide 33, when I fit the
9 age coefficient, if I estimate the same regression, I get the
10 red line. Which to your eye is as flat as it can possibly be.
11 In fact, that number is 0.4 percent, is through this measure
12 here, this confidence interval tells you that it's
13 statistically no different than zero. Zero is in the middle
14 of this. It says it could be potentially a small -- an
15 extreme basis of minus .3 percent, as high as .4 percent, but
16 it's centered on a number that is vanishingly close to zero.

17 So what it's telling me is, age has virtually no impact
18 on the settlement values below this amount.

19 What that tells me through the model, is that these
20 claims are settled without concern for the left-hand box of
21 expected liability. They're settled for the purpose of
22 avoidable costs. Which -- because otherwise you would see the
23 impact of the average compensatory amount, and the fact that
24 the impact of age would have on that.

25 Q. Did you also look at settlements greater than 200,000?

1 A. Yes, so that's the other part of the analysis. So I've
2 done the same thing here for 5 percent of claims greater than
3 \$200,000 in the 2000s. Prior chart, Chart 33 actually had
4 amounts that were equal to 200,000. This is for the amounts
5 that are above \$200,000.

6 And I've put the flat line on here which is just to show
7 you that you can clearly, even to your eye, you can see that
8 there's a distinctly upward pattern on this.

9 So clearly the idea -- it's obvious here that it must be
10 some impact on this data coming through the impact of age on
11 the settlement amounts, and the mechanism which that occurs is
12 through the expected compensatory damage amounts. If I, in
13 fact, ask the question of, would this be all through the
14 verdict amounts?

15 Well, what I put on here is a yellow line which has this
16 curve on -- has exactly the same slope, with the same decrease
17 as the verdict, that is four and a half percent per year.

18 So this would be the settlement pattern you would expect
19 to see if concerns for liability were the only concerns. So,
20 as I said here, all liability, no cost.

21 If cost paid no consideration or cost was a trivial
22 amount of the considerations for settling these cases, you
23 would expect to see the pattern for these cases coming down at
24 a rate that was similar to what we have from the verdict
25 amounts, which we do not see.

1 Instead, what we see is as shown on this graph, is a
2 curve -- and by the way, this black line is a curve. It is a
3 combination of what would look like in this blue one there.
4 But this is the result of a particular regression in forms
5 called Longman (phonetic) area of regression, of the
6 settlement data for the amounts above \$200,000, controlling
7 for the jurisdiction as well as the life status of the
8 individual.

9 It gives us here as we see -- as reference to the
10 coefficient. It shows that the data declines -- the
11 settlement data, the pattern of the data reveals a decline in
12 settlement average of slightly less than 1 percent per year,
13 for each age of increase. And that we know from this
14 confidence interval that we believe that is statistically
15 different from zero random chance, doesn't play very much of a
16 role.

17 That particular line comes about, which matches with this
18 data, when I have -- within that data -- within the model that
19 I created with all the settlement data that I have, about a
20 17 percent likelihood of success for the plaintiffs in this
21 5 percent of cases, and net avoidable costs between the
22 plaintiffs and the defendants of about \$430,000.

23 So it gives me the mixture, the econometrics gives me the
24 mixture between how much of it is due to the expected
25 liability amount, versus how much of it is attributable to the

1 avoided costs. And that's how I figured out the relationship
2 between the change that took place.

3 And the test that we did was, we literally took this a
4 step farther. We took the settlement amounts that we had from
5 the 1990s, we essentially modeled the increase in the verdict
6 amounts as what I showed you on the chart, increase in this
7 liability percentage is an increase in the cost, run them
8 through the model and predicted, and we get the pattern that
9 looks -- you cannot distinguish the line that I get from that
10 from the line I get from the regression. It lays dead on top.

11 Q. Thank you. Now, were your conclusions consistent with
12 the litigation experience that we heard Mr. Magee and Mr.
13 Turlik describe yesterday and last week?

14 A. Very much so.

15 Q. Okay. I would like to turn now to the second task that
16 you were given, that's to estimate Garlock's asbestos
17 liability.

18 Did you in fact estimate Garlock's liability for pending
19 and future claims?

20 A. I did.

21 Q. Now, would you explain the assumptions you were given and
22 undertaken in your estimation work?

23 A. So we've written them here on this slide. This is
24 verbatim the assumptions that were given to me by Mr. Cassada
25 and the others at Robinson, Bradshaw. They gave me -- under

1 the assumption they were giving me, they said estimate
2 Garlock's asbestos liabilities as -- defined as Garlock's
3 share of jury awards taken to final judgment for current
4 Garlock mesothelioma claimants and individuals diagnosed with
5 mesothelioma after the petition date, assuming -- and then we
6 had three assumptions here on Slide 38.

7 The first one was to assume that all individuals who
8 allege direct or indirect contact with Garlock's
9 asbestos-containing products proceed to trial and final
10 judgment.

11 That is, act as if you are handicapping each one of these
12 cases as if they went to trial in a manner that would be
13 similar to what the lawyers would do in estimating the risk of
14 taking the case to trial.

15 In addition, he asked me to assume that the courts do not
16 exclude the plaintiffs' or defendants' causation evidence
17 under the Federal Rules of Evidence associated with --
18 generally called *Daubert*, or other similar rules of evidence
19 governing the admissibility of expert testimony.

20 So if the defendants in many of these cases challenged
21 the plaintiff's evidence on these cases. And so we've assumed
22 for purposes of this analysis that those rules are not
23 excluded. Because in fact the cases that go to trial where
24 the plaintiffs win are in fact cases where this didn't occur.

25 And finally the courts and juries have access to all the

1 information that the individuals or their counsels have or can
2 reasonably obtain regarding the individual's asbestos
3 exposure.

4 So this isn't saying they know everything there is to
5 know about their exposure, but all the evidence that there is
6 about what their exposure is. What is known or reasonably
7 known by all the parties, both from the defense side as well
8 as the plaintiffs, are under consideration by the parties who
9 are adjudicating the liability.

10 Q. Okay. So how would you describe the first two
11 assumptions? Would those be assumptions against interest?

12 A. Well, I mean, I think that, you know, the cases which
13 proceed to trial, as far as I'm aware, all the cases that
14 proceed to trial -- in fact when I asked the attorneys who
15 defended the cases for Garlock, are they ever aware of a case
16 Garlock went to trial in which the plaintiff did not allege
17 exposure, either direct or indirect contact? They kind of
18 looked at me funny. What do you mean, of course they had to.
19 That's the basis for the trial. They have to be saying that
20 they were exposed to the product. These are product liability
21 trials in which Garlock's exposure was -- exposure to
22 Garlock's products was relevant.

23 The second one -- well certainly I don't think -- it
24 certainly would be against interest from the standpoint of
25 Garlock and the debtor here. If that rule was to be applied

1 and applied to all these cases then the liability would be
2 zero, so.

3 Q. And we've heard criticism lobbed -- lobbied -- or lobbed
4 from our adversaries that assumption three is somehow assuming
5 the perfect world?

6 A. No, it's not a perfect world. Essentially here, in the
7 way -- particularly in the way we're going to implement it.
8 It's what do individuals actually know, or the counsels
9 actually know about these cases. And particular, it's derived
10 from the data that is provided as discovery in this case about
11 what individuals know about -- typically know about the
12 products in which they were exposed, and the names of those
13 companies or the brands.

14 Q. Okay. Did you reach an opinion regarding Garlock's
15 liability for the pending and future claims?

16 A. I did.

17 Q. What is it?

18 A. In total, I reached the opinion that the liability --
19 legal liability of Garlock's as defined above, was -- for
20 pending claims is less than \$25 million.

21 That the future claims valued at two and a half percent
22 inflation rate from now until the last claim, would be less
23 than \$160,000. That the total amount of those taken together
24 is less than \$185 million. And discounting at a 3 percent
25 real rate, which gives you a discount rate of 5.57 percent,

1 given the two and a half percent inflation rate, which would
2 be 3 percentage -- 3 percent above that when compounded, gives
3 you 125 -- less than \$125 million.

4 And I believe that in fact the actual amount is
5 significantly less than \$125 million, though we can't
6 precisely estimate how much.

7 Q. So why do you render your estimation opinion in terms of
8 less than a number?

9 A. Well, as I just said, it's because I believe, based on
10 the way we did the calculation here, based on the trial
11 amounts and trial results we have, that the actual liability
12 likelihood is less than what you would get by applying the
13 trial amounts, and the trial likelihood outcomes to the
14 results as you saw from the analysis I did of the settlement
15 data which was not used as the basis of the estimates in the
16 original case.

17 Q. Okay. And would you explain how you came to choose the
18 2.5 percent inflation and 5.575 discount rate?

19 A. These are amounts -- these issues having to do with what
20 the inflation rate and what the discount rate is, as though I
21 have an understanding of these things as an economist and
22 have, you know, been -- familiarity with the kinds of
23 economics that underlie them. That's not my particular field
24 of study, though I do understand the relationship between them
25 and what it needs to be.

1 For my purposes, giving the benchmarks I used essentially
2 what CBO used for its long-term estimates of inflation and
3 discounting.

4 Q. Are those rates that have been commonly used in
5 estimation before?

6 A. They are. They are. And the various estimates we do, we
7 have individuals have asked us and gives us different interest
8 rates to use in different contexts. For example, in some
9 business context to transactions context, a weighted average
10 cost of capital is something that's asked to use. A
11 particular situation associated with trusts might have a
12 different set of numbers, a different set of inflation rate
13 they use based on return of assets they would have. It
14 depends somewhat on the purpose of what the numbers are being
15 used for, which ones you would use in this context here.

16 So these particular are liability estimates. They're not
17 estimates associated with expenditures.

18 So as an expenditure estimate, you would expect that an
19 expenditure estimate you probably would have probably a higher
20 discount rate that's more something akin to what the capital
21 costs would be to the party who is doing the expenses.

22 This is an amount that's a liability estimate. It's not
23 an expenditure estimate. And the more appropriate amount is
24 more like the -- relatively the long run view of the relative
25 value taking into account expected growth and so on, which

1 would be somewhere in the neighborhood of about a 3 percent
2 real rate.

3 Q. Before we discuss the bases for your opinions on
4 estimating the liability, I would like you to focus for a
5 moment on the estimation work that you did for EnPro's
6 financial statements prior to the bankruptcy case.

7 And we've talked some already about the relationship
8 between settlements and liability.

9 Can you explain the difference between that work, the
10 financial statement work and the estimate you prepared for
11 Garlock in this case?

12 A. Yes, I mean, I put this here, I've done a little bit of
13 adjustment to the basic model that we described on this Slide
14 40 here. This is referred -- parts of this is described --
15 well, this part of it is not described in my report, so it's
16 really talking more about the model in general. So I don't
17 think reference to the bottom actually applies in this
18 context.

19 So you think about this as being two distinctly different
20 parts of the model that we laid out here, relating settlement
21 amounts to expected liability.

22 In particular, when we were doing financial reporting, we
23 are concerned about Garlock's settlements, and in some context
24 in other financial reportings, not just their settlements, but
25 also the explicit defense costs.

1 But in the case of what we did here, we're interested in
2 these settlements plus the -- and in some context for
3 financial reporting, you would be concerned about how it runs
4 through the insurance and the recoveries for the insurance
5 which we didn't do in this context.

6 So we're estimated -- here we're interested in this part,
7 which includes the amounts that Garlock would pay, not only to
8 cover its liability, but the amounts that it would pay to
9 avoid having to pay larger amounts for -- associated with its
10 costs.

11 So based on the settlement strategy that Garlock pursued,
12 it defines, given an expected liability which my understanding
13 from the attorneys here at Robinson, Bradshaw was the allowed
14 amount claims under the Bankruptcy Code which is the
15 liability.

16 This amount here, which is the settlement amount includes
17 and is impacted by the defendant's -- plaintiff's avoidable
18 costs and the net impact of those on the settlement amounts
19 themselves.

20 So we were focused over here. This is the data we have.
21 Whereas in this case we've been focused on this amount here.
22 These are two distinctly different amounts. They have a
23 relationship to each other that comes through the relationship
24 between costs, which in this particular case is one such the
25 settlements -- given the pattern of the way the costs work

1 here, the settlements are multiples of what the actual amount
2 is from the liability standpoint as we've measured it.

3 Q. Okay. So the bottom line is, that in doing financial
4 reporting work and the estimation you've done in this case,
5 you are estimating two different things?

6 A. Two very -- well, two distinctly different but related
7 common things.

8 Q. Now let's turn to your estimation work in this case.

9 Would you describe what you are measuring in this case?
10 I believe you just did that.

11 A. Well, we're focused on this amount. So what we've done
12 is, we've proceeded through the data that we've accumulated in
13 this case, as well as other data that we have, to estimate
14 each of these components to come up with the estimated
15 liability.

16 Q. So we're on Slide 41 now, and does this describe the
17 components of your estimation model?

18 A. It does. The schematic now, we brought out the parts
19 that have to do with the schematic of the model, just the
20 parts -- focus on the compensatory award and the plaintiff's
21 likelihood of success. So I'll address each of those in turn.

22 Particularly, the compensatory awards are actually made
23 up of the economic damages in compensatory awards, which are a
24 combination of -- excuse me, the compensatory award which are
25 made up of the economic damages, the noneconomic damages,

1 minus the co-defendant's shares, minus trust shares and
2 offsets. So we have these pieces that we have to address.

3 In addressing that, we need to know what the total --
4 what the economic damages are. How we get a handle on what
5 the noneconomic damages are, which are the part of this which
6 is perhaps the most nebulous. The number of parties sharing
7 the liability.

8 Then within that, we need to account for the way in which
9 the state laws in various jurisdictions would apportion that
10 liability amongst responsible parties. Particularly what
11 matters in this context here is the way they would treat trust
12 shares as offsets coming out of trusts as distinguished from
13 tort co-defendants. Those get treated in different ways,
14 depending on what jurisdiction you would be in. We take
15 account of that.

16 Q. Now, go ahead -- I'm sorry.

17 A. I was going to say, I was just going to run down the list
18 here, which is, we have the issue of the other party's
19 offsets. We're going to talk about, as well, estimate how we
20 get a handle on what the liability likelihood is. The judge
21 has seen some estimates in Mr. Magee's slides already about
22 the relative liability likelihood as we saw from the trial
23 outcomes. We will use that history, as well as test it with
24 the settlement history that we just talked about already, and
25 then we're going to identify the pending and future claims,

1 and how we do that so we can assign valuation of those.

2 So it's a model that's going to build from the ground up.
3 It's going to estimate the components of these on --
4 essentially, what this -- this is similar to what we would
5 call a microsimulation model as I described -- what we
6 described before. We're going to do the valuation on the
7 individual components for the purpose of being able to know
8 how to appropriately weight the averages that we would get and
9 aggregate up to the total. That's how we're going to get the
10 most reliable estimate of the total amount.

11 Q. Now we spent several years undertaking discovery and
12 gathering information in this case. We heard from
13 Dr. Gallardo-Garcia this morning about how that data was
14 extracted and used in conjunction with the Garlock database to
15 build the analytical database.

16 Did you use the data that was collected in this case, the
17 information in discovery, has that been used in rendering your
18 estimation?

19 A. Very much. It's the main source of what we used for this
20 data. In addition, there are some external data sources that
21 we rely on as well, that we can talk about in more detail.

22 Q. Okay. So let's look at the components of the model.

23 First, can you describe how you estimated potential
24 compensatory damages?

25 A. All right. So this is on Slide 42. It's covered then in

1 my report on pages 67 to 75.

2 So what we're starting with on each one of these cases
3 is, going to start with the potential compensatory damages.

4 All right, now, what we have for that -- I think we'll
5 run through the details of that in a minute. But in results
6 we found that the total awards typically ran from two and a
7 half to -- in the low value states, and I'll tell you -- by
8 that I mean, states -- we've looked at and examined states.
9 We found that there were distinctly different patterns of the
10 willingness in various jurisdictions for juries to award large
11 noneconomic damage awards. They're generally done in terms of
12 multiples of what would be the economic damages.

13 So we found it useful to divide the states up into three
14 categories based on the potential for large noneconomic
15 damages. So we lowered them. We refer to them as low-value,
16 mid-value and high-value states. High-value states being
17 things like California and New York. Low-value states being a
18 number of the states throughout the union as well.

19 The actual value amounts as you saw from the diagram that
20 I showed you with the scatter plot of all the compensatory
21 amounts, covers a much wider range than what I have here. The
22 averages between the categories of the low-value and
23 high-value states, range from an average in the low-value
24 states of two and a half million, to an average in the
25 high-value states of four and a half million dollars. These

1 amounts all vary considerably by the age of the claimants as
2 we saw.

3 I also have data on that that comes out of -- from some
4 verdict amounts. But the way I built to those numbers was, I
5 have a model of economic damages that was created by an
6 economist on my staff, Dr. Jeffrey Brown, who essentially
7 built an economic -- a computer model that does -- implements
8 an economic model that is conventionally used in wrongful
9 death cases.

10 So it -- essentially there's lots of expert opinions by
11 economists in the area of wrongful death cases, and there's a
12 standard methodology that is employed. They have differences
13 in various states of what things they can take into account,
14 depending on what various states allow for medical -- for
15 compensatory damages and economic damages.

16 But primarily they include lost wages, medical and
17 funeral costs, benefits, value of hospital services, lost
18 social security. So it's literally the economic parts
19 associated with the death of an individual prior to when they
20 would have otherwise have died.

21 So it's a combination of both knowing about them, their
22 history. In this case as represented by what we know about
23 their occupation. Because we have information on that and
24 their age. Which then translates through the standard
25 estimates of these things, plus what their expected age would

1 be, given the age they are about how much they would lose.
2 That's one of the reasons why age plays such an important role
3 in the sizing of these awards. Because it is fundamentally
4 derived from the economic damages associated with this.

5 Typically, in these datasets, a claimant who is 65 years
6 old, has an economic damage of approximately \$850,000. A
7 75-year old typically has damages that are in the mid or the
8 \$530,000. Again, there's a fair amount of variation in those
9 amounts, individually, depending on the occupations and the
10 states. But the -- those amounts are typical within this
11 range.

12 And then finally we have the noneconomic damages. And
13 we've estimated that using the publicly available verdict
14 data. We've calculated what the economic damages are. In
15 addition, some of the verdict amounts actually give you the
16 jury's estimate of what the economic damages amount, but not
17 typically. Generally what you're getting is just the total
18 amount of compensatory award. But knowing what the economic
19 damages amounts were for -- from Dr. Brown's model, I can
20 calculate what the typical economic damages are across the
21 various states, based on whether it's one of the high, medium,
22 or low states, or actually what the life status of the
23 individual is at the time of the verdict. As we heard in the
24 testimony in this case already, the verdict amounts will
25 differ, and have potential differences based on whether or not

1 the plaintiff is alive in the trial, versus whether they
2 aren't. And that affected these calculations.

3 Q. Turning to Slide 43, can you tell us what this graph
4 shows? It looks familiar to a previous slide.

5 A. Yes, it is. But this is just a component of the previous
6 slide. So this is essentially the part of the previous slide
7 that is represented by the claimants who actually live in the
8 states or file their claims in states -- we don't know
9 actually where they live -- but file their claims in the
10 states which had high value -- potential of the highest
11 noneconomic damages.

12 You can see where I've drawn a line on this which is
13 actually the regression line that shows you the general trend
14 that you get by fitting that line with the regression model
15 which estimates the impact of age. I think that line slopes
16 downward at about a rate of four and a half percent per year
17 of increased age.

18 Q. What are those little specks?

19 A. Oh, each one of those specks is one of -- is the results
20 from the calculations of the model on each one of the pending
21 claimants.

22 So these are the way we come out with the total model is,
23 we've done the valuation with the model, the economic damage
24 model, and then based on the state they are applied the
25 noneconomic damage multiples to get to these points. So it's

1 done and that's what those are.

2 Q. Okay. So this curve is what you call the highest-value
3 states?

4 A. Those are the highest-value states.

5 Q. Then we have a yellow curve on Slide 44.

6 A. That's the same thing for the medium-value states. And
7 if you do it -- click it one more time, you're going to get
8 the lowest-value state.

9 As you can tell, there's -- actually the most points are
10 in the highest-value states, which is not too surprising. The
11 analysis that we show is that when given the option,
12 plaintiffs will file in the venue which gives them more
13 likelihood of the largest potential outcome.

14 Q. Now you described the regression analysis issue you
15 undertook to determine the values of verdict?

16 A. Right.

17 Q. Now one of the experts retained by the committee in this
18 case, Dr. Cleveland, criticized your regression. Did you
19 consider his criticism?

20 A. I did. I did. I think his criticisms were misplaced.
21 He didn't actually have access to -- for some reason the
22 attorneys didn't give him background material. He was
23 unaware -- I attended his deposition -- he was unaware of it.
24 Even with that, he interpreted what we were doing with this
25 data, with this regression incorrectly.

1 The point is, is that we know that there's selection that
2 goes on between the states. That there is -- the cases that
3 get tried, as I indicated over here on the chart, when I was
4 talking about here, the cases that are tried are distinctly
5 different from the cases that aren't.

6 I could do exactly the same chart, relative to the
7 evaluation of the two parties about what the total
8 compensatory award share would be. Again, when there's
9 commonality on those things, you'd expect to see them along
10 this line. But when there are differences, you would expect
11 to see them over here. So there's -- essentially these are
12 unusual highly selected cases, in some respect. One of the
13 ways --

14 Q. I hate to interrupt you. It might help you if you
15 explain that criticism as lobbied first --

16 A. I'm sorry. That's what I was going to do.

17 Q. I'm sorry.

18 A. Essentially, just explaining the problem a little bit in
19 the first place, which is the criticism was -- well, the
20 verdict amounts that we see, when you look at them, they tend
21 to be from claimants who are younger than the average claimant
22 is. They tend to come from states which have higher value
23 jurisdictions, the other ones. And they tend more likely to
24 be alive at the time of trial, than the pool of claimants who
25 generally file claims.

1 So if I want to use that data to estimate the potential
2 value of the claims -- of the potential verdict amounts for
3 the plaintiff in general, I have to account for those
4 differences, otherwise I'm applying an average which is the
5 wrong average to this group. I can't just take the average of
6 the verdict and apply it to these claims.

7 That would be like taking the newspaper in a place like
8 Los Angeles and looking at the ads for Beverly Hills and the
9 ads for South LA, which is a poor area. And seeing that the
10 ads were 50/50 in the newspaper for the high value and the low
11 value, taking the average of those and applying it to all the
12 houses when you know that only 5 percent of the houses in
13 Beverly Hills, and 95 percent of the houses are in the other
14 area. You have to control for the differences in the mix of
15 them to do it right.

16 So what I did was made a regression analysis which
17 related the value of the claims to the age of the claimant --
18 the value of the verdicts, the age of the claimant, the life
19 status of the claimant, and the jurisdictions in which they
20 are in.

21 That is -- gave me a -- the test of that particular
22 regression gave me a reliable relationship between those
23 variables, which I knew were different in the -- between the
24 claiming pool and between the verdict pool. Which then gave
25 me a basis to properly calculate these average particular

1 verdict amounts for each of the jurisdictions. Because now I
2 have the impact that each has on the variable, and I can apply
3 it so it will properly weight them. Just like, you know, when
4 I take the newspaper ads for the house prices and if I go and
5 take the ads and weight the ones from the South Central LA by
6 95 percent, and the ones from Beverly Hill by 5 percent, now I
7 have an average that I apply to the average, typically, which
8 gives me the overall proper average.

9 That's why when I said that the average is here, for
10 example of claimants -- verdict amounts prior were typically
11 between two and a half and four and a half million dollars.
12 If I just simply take the raw average of the verdicts, I would
13 get the wrong average amount. It comes out more like
14 6 million, \$7 million. But that's because I am more typically
15 drawing from claimants in this area of this, rather than
16 counting for the weight that each portion has of the total, by
17 the age. Because, in fact, most of the claimants come from
18 this part of the graph, not up in here, which is where the
19 verdicts tend to be.

20 Q. You described earlier in your testimony an article
21 entitled, "The Selection of Disputes for Litigation" by Priest
22 and Klein in 1984. In fact, you had a quote from that. Does
23 that discuss the concept that you're talking here about the
24 selectivity of disputes that are for trial?

25 A. Yes, that's why I put that quote in there, bring that

1 point home.

2 Q. Okay. Now, in rendering your estimate, after you
3 determine the potential compensatory award, did you account
4 for the differences in state law apportionment rules?

5 A. I did. I did.

6 Q. Describe what you did there.

7 A. Okay. First I want to draw the distinction. The states
8 that I have here, and the partition of the states I have here,
9 are not what I was just describing before. That partition is
10 done in a different way with a different analysis. That had
11 to do with potential for the size of the awards, which is not
12 related to whether or not the states were joint and several or
13 effective. So this is a different thing. There's three, so I
14 just wanted to make sure there was no confusion relating to
15 that here.

16 But on Slide 46 we have a picture of a map which is color
17 coded. We have three different states which are green, which
18 we have labeled as hybrid. We have some light blue states
19 which are joint and several. And then the dark blue which
20 represents the vast majority of the map says, effectively,
21 several.

22 Well, effectively several is relevant here, because many
23 of the states have essentially hybrid in a different way than
24 what New York and California are, and officially Nebraska, but
25 there's almost no claims there so it doesn't really make a

1 difference.

2 They are hybrid in a different way, which is,
3 essentially, they have a threshold. Many of the states have a
4 threshold, which is if the jury determines that -- I think
5 this was already mentioned in the court. If the jury has a
6 threshold that a particular company is more than 50 percent
7 liable, is generally where the threshold is, then they can be
8 joint and severally liable for the full amount of the verdict
9 amount -- verdict award. However, if they are below that
10 amount, they are only liable for their several share of the
11 total.

12 Since that threshold is 50 percent, and our analysis
13 shows that the number of potential liable parties is somewhere
14 in the neighborhood as I will explain of about 36, and given
15 that Garlock is a low-dose defendant, it's virtually
16 impossible to imagine a situation where in any kind of a fair
17 proceeding, Garlock would wind up with a 50 percent liability
18 determination that would put those states in joint and
19 several.

20 So for purposes of my analysis, I've treated them as
21 effectively several.

22 So this is the -- shows the distinction between them, and
23 we've taken account of that and how we've partitioned and
24 treated the amounts of offsets and trusts in our analysis.

25 Q. Now turning to Slide 47. Would you describe the

1 alternative ways that you considered for measuring the numbers
2 of co-defendants and trusts with whom Garlock might share
3 liability?

4 A. Yes, I will. So when we consider what makes a basis for
5 liability, there has, as been described in the courtroom
6 before already, a number of different liability theories which
7 can lead to a liability for the defendant.

8 Clearly, there is the direct exposure to the product as
9 being the source of the exposure. Indirect exposure related
10 to, generally we called take-home, that is through the clothes
11 of a co-worker who came home with the asbestos dust on her
12 clothes, and generally represented as being somebody who, you
13 know, washed the clothes and got the -- or cleaned the clothes
14 of somebody and got the exposure in that manner.

15 Bystander exposure. That is somebody who worked in
16 proximity of somebody who was doing work with the product but
17 didn't actually do it.

18 But there is also the possibility of lawsuits based on
19 the design of the product was designed to have asbestos with
20 it, and so that creates liability. That you distributed
21 products that had asbestos in them, we saw the example of
22 Pacor was a distribution company and a number of
23 the companies which are referred to here distributed products.
24 Companies get sued because the asbestos is on their premises,
25 big oil refinery companies, power plant refineries often get

1 sued by contractors who work on those sites if they come down
2 with disease, has been exposed to the product, it's not their
3 product but it's on their site. And of course there is also
4 the issue of conspiracy as been referenced here.

5 For the purposes of my analysis, I have limited it to
6 just the first three. So we're just going to use this as an
7 exposure basis. So, I mean, I'm not aware of Garlock actually
8 being sued on any of the other four criteria, but its
9 co-defendants certainly have. So for doing my analysis, I'm
10 going to treat all of the defendants -- the co-defendants I do
11 analysis on the same basis, that is, we're going to limit it
12 to exposure basis.

13 Several ways you could think about trying to get a handle
14 on the number of liable parties here that we get. The first
15 is to use a term that was given by Patton in his expert report
16 in this matter. Mr. Patton referred to a term called
17 "exposure in fact". In his context he was trying to say that
18 simply with reference to a site in a trust, does not represent
19 exposure -- allegation of exposure in fact. We've had --
20 heard lots of debate over that topic.

21 But if we think about what "exposure in fact" means,
22 there are literally hundreds of asbestos products each of
23 these individuals are exposed to in their lives.

24 Electricians get it in a number of different ways,
25 packings in various different kinds of electrical devices,

1 wire coating.

2 In fact, Mr. Henshaw provided me a list for categories of
3 exposures that each individual worked in several areas
4 typically would have.

5 As we've seen from the list that was put on the board
6 yesterday, there's literally hundreds of different products --
7 our database showed thousands of different products that were
8 in fact asbestos products.

9 There are in this litigation, thousands of companies that
10 are sued, most of them under the exposure basis, but other on
11 other ways.

12 So one of the ways you could do that, is to simply assume
13 that all of the parties who could be sued because of exposure
14 in fact, would be shares in the liability. And under the
15 plaintiff's theories that we're going to adopt about
16 contributions to exposure, those would be appropriate in many
17 ways. But we don't have the information to do that. I don't
18 have a reliable basis for estimating exposure in fact for each
19 one of the individuals. So I rejected that as being the
20 basis, but I do think it gives context to what we've done.

21 A second consideration would be just look at the
22 companies that were named by the plaintiff, either in their
23 tort claims, or in their trust claims. Typically the
24 plaintiffs here have named 52 different co-defendants on these
25 cases.

1 We know that they don't collect from all of them by any
2 means. And they, in the course of their litigation, they
3 target down to a small number of those who they pursue. But
4 they have identified in their Complaint 52 potential parties.
5 But we'll treat that as being tort parties. We treat that as
6 being just that, potential parties for which they have not yet
7 worked up evidence. Though they have some, presumably some
8 legitimate basis to sue them.

9 That may or may not be 100 percent correct. There are
10 after all venues in the United States which encourage filings
11 because the courthouse in the county makes money off of the
12 filings, and encourage filings for the purpose of raising
13 money for that purpose.

14 Madison County makes approximately \$4 million a year off
15 of filings and answer fees by defendants, where the much
16 bigger county of St. Louis right next door makes about a
17 million dollars off of the same kinds of fees.

18 So the complaints that are filed in Madison County
19 have -- typically have hundreds of them, and that affects that
20 average. So I'm not going to use that.

21 But if I take account of that, as well as the trust, the
22 information we know about trust fund, that would give you
23 almost somewhere 75 potential parties, as well. Less than the
24 hundreds that we expect exposures for, but not really a
25 basis -- namings may not be a basis for which we're willing to

1 assert liability share.

2 The other extreme, the plaintiff themselves for their own
3 reasons, target one or two co-defendants in the litigation.
4 They name many. They collect from as the data -- collect from
5 probably anywhere will range from, you know, somewhere around
6 four up to 25 different of those defendants, depending on the
7 quality of their case and the nature of the case. But if they
8 proceed to trial, they typically only proceed to trial against
9 one or two, and the settlement data, the recovery data that
10 we've seen, tends to show that they tend to collect as well,
11 high-value liability-like settlements from one or two, and
12 nuisance settlements from others. But that's the result of
13 the plaintiff strategically targeting the co-defendants
14 because it makes their case simple, it makes their case easy.

15 Imagine the case that we saw presented here about the
16 liability and the exposure that we have for gaskets here.
17 It's applied against Garlock, and it helps not to apply that
18 against the insulation companies at the same time, because it
19 focuses the attention, and that's the claimed strategy.

20 So I rejected each one of those and instead gone with a
21 basis for estimating the liability shares, based on exposures
22 that are identifiable by the plaintiff. We've used the record
23 that is created here through the interrogatories, the
24 depositions, and trust claims from the sample cases. Here we
25 have several hundred, nearly 1,000 claims -- over 1,000 claims

1 that we have actually gotten products that are estimates based
2 on, and we've gone through those depositions, through the
3 process that Dr. Garcia -- Gallardo-Garcia mentioned discussed
4 and testified to earlier today.

5 And based on the product sample that we have, we come up
6 with an estimate that there's, in addition to Garlock, 13
7 other -- typically 13 other products, tort defendants that the
8 individual plaintiff can both identify, both the
9 asbestos-containing product, as well as the manufacturer, at
10 least knowing the brand of it, so that we can tie it to the
11 company -- so it's tied to the company.

12 We take 22 trusts, we also estimate there are 22 trusts
13 for which the plaintiff asserts exposure against in the same
14 manner that it asserts exposure in this case against Garlock
15 so we treat them as being comparable, and hence come up with
16 an estimate of approximately 36 parties who share in the
17 liability calculation.

18 Q. Yes. Now let's pause for a minute and sort of take stock
19 of where we are. You're talking about your liability
20 estimate. You started with the potential for compensatory
21 award?

22 A. Correct.

23 Q. And now we're focusing on the parties, who under state
24 law, would potentially share in liability, or in the
25 apportionment of that award?

1 A. Correct.

2 Q. And you determined that there would be on average --

3 A. Typically.

4 Q. -- typically 14 tort defendants including Garlock?

5 A. Correct.

6 Q. And 22 trusts?

7 A. Right.

8 Q. Would you explain for the Court the source of your
9 information about the numbers of tort defendants and trusts?

10 A. Well, it comes through the depositions and the
11 interrogatories -- for the tort defendants comes through the
12 depositions and the interrogatories provided both from claim
13 files we had from Garlock as Dr. Gallardo-Garcia referred, as
14 well as plaintiff's interrogatories and depositions that were
15 provided by the plaintiffs in this case. Particularly the
16 group was referred to as product sampling.

17 So there are ones that essentially appeared to be
18 complete record of -- if anything, they tend to be the cases
19 which I think have better cases against Garlock because they
20 were, historically at least the ones where the cases were
21 worked up by Garlock against the plaintiffs, so I would think
22 they would be the ones that would be most strongly positioned
23 against Garlock.

24 Most cases when you have cases that are dismissed, as you
25 saw from the samples that Dr. Gallardo-Garcia put up there

1 before, we got a much lower yield we get claim files on
2 dismissed cases than we did on higher-value cases for exactly
3 that reason. You tend, in many cases, what you're basically
4 paying for on low-value cases and what you don't get in
5 dismissed cases is much more filed.

6 Sometimes the cases are dismissed later in the process so
7 you do get the file, but many of the cases is simply dismissed
8 early in the process, tend to get less of that in low-valve
9 claims.

10 For the trust claims data, we have a combination of the
11 information that we got from the DCPF Trust, mostly this
12 information comes from the PIQ, the plaintiff information
13 questionnaire, where they disclosed about their trust filings
14 and the like.

15 Q. And I believe the Court has already seen in the
16 designated plaintiff's claims, that the claimant's filings
17 recovered from a lot of trusts.

18 A. Right. I think this is a conservative estimate, based on
19 the analysis that we talked about before. We did not use the
20 kind of site-based analysis that we've done there. I think
21 Dr. Gallardo-Garcia described that as being -- it would have
22 been much too onerous a task to do it, given different ways in
23 which that information -- site information is entered into the
24 data.

25 The data claiming exercise of that would have been truly

1 a mammoth exercise. But with the data that we did have from
2 the PIQ and the claim we did there, we came up with a number
3 of 22. And it didn't seem worth going through that expense
4 and exercise to do that for potentially another three or four
5 trusts exposures. So I think it's a fairly conservative
6 number, given the information that we've seen.

7 Q. In addition to determining the number of other defendants
8 that plaintiffs would typically identify exposure to, did you
9 also determine the typical aggregate recoveries that claimants
10 against Garlock would be expected to receive?

11 A. I did. I did. We received, through discovery in this
12 case, several pieces of information from a supplemental sample
13 of questionnaires. There were essentially a thousand randomly
14 sampled PIQ claimants, which we got responses of approximately
15 850 gave us four pieces of information other than the
16 identifying record, which was essentially the number and total
17 dollars recovered from paying tort defendants. So we didn't
18 have the individual values, we just had the total dollars and
19 the total number. Then we also had the number and total
20 dollars recovered from paying trusts.

21 So I went through in my report and did a test for the
22 completeness of this data, and to see whether or not based on
23 what I know and what the data would tell me about whether or
24 not I would expect to see significantly more recoveries from
25 that.

1 And after all, by definition, these are not completed
2 cases from the standpoint of Garlock. It's in the bankruptcy.
3 Some of them won't get anything from Garlock. A substantial
4 number of them won't get anything from Garlock because they're
5 older claims and historically we know, you know, somewhere in
6 the neighborhood of half of them don't get paid from Garlock
7 in recent years.

8 But the recoveries themselves appear to be essentially
9 complete, but for the Garlock amounts. To the extent that
10 they are owed one, we notice that through the data, typically
11 they range from \$400,000 up to \$900,000. Typically from eight
12 or nine defendants.

13 Though that's typical, in fact there's -- these amounts
14 are quite skewed in the distribution. There's a small number
15 of claimants who get a lot of money from this process.
16 There's a small percentage of them get multimillion dollars
17 out of this process. And then most of them get considerably
18 less, the lower end of this or even below.

19 And included in this group are a series of claimants, as
20 well, which I think is about almost 10 percent of them now as
21 an emerging class of claimants who are only recovering from
22 the trusts, so they have zero tort recoveries at all. These
23 are the typical range for the ones who actually did recover
24 from it.

25 But on average, the number comes out to be in the

1 neighborhood of about \$560,000, once you take account of the
2 various claimant characteristics and so on.

3 The trusts on the other hand were very different.
4 Remember that the trusts only just started paying claimants in
5 the period -- significant amount of money in the late 2007
6 period. So it's really late in the decade. Mr. Magee had a
7 slide to show when the assets were in place. Those trusts
8 took some time to come online, it's actually taken longer
9 than -- certainly longer than Garlock was hoping, and
10 certainly longer than we expected in our forecasts for those
11 companies to go through the bankruptcies, get trusts set up
12 and start paying claimants.

13 By the time they did get up and running, many of them had
14 fairly extensive backlogs, particularly hundreds of thousands
15 of nonmalignant claims that they had to run through before
16 they could get to the current crop of mesothelioma claimants
17 who essentially would represent the bulk of the claimants
18 today.

19 So we get in the late 2000s is the first time we get to
20 the period when we are actually starting to see claimants
21 being able to recover, potentially on a contemporaneous basis
22 with the trust.

23 There are still trusts which are not set up and running.
24 And a lot of these claimants have filed their claims late,
25 relative to where they did with their tort claims.

1 So for the current Garlock claimants, they still haven't
2 filed all their claims. And they still have claims to be
3 filed. So it's several years have passed since the petition
4 date, so many of them have filed claims subsequent to that,
5 but they are in the queue and waiting to get their turn to be
6 paid in many cases.

7 So we estimate that at the present time they probably
8 recovered about half of the money that they will eventually
9 get, and it will typically be in the range of \$600,000 from
10 somewhere in the neighborhood of what we said, 20, 22 trusts.
11 That number can be, you know, considerably lower, but also can
12 go up to as high as 30 or 35 of them, depending on the
13 particular claimant.

14 Q. Okay. Now, Dr. Bates, I'll hand you control over the
15 slide show now. I want you to describe for the court how you
16 applied the apportionment rules to your estimates with respect
17 to the compensatory awards, and the numbers of responsible
18 parties, and the recoveries that you estimate.

19 A. Well, I'm guessing I can probably go through this fairly
20 quickly because I think Your Honor has saw this when
21 Mr. Cassada did his opening statement. But at least explain
22 what it was that we did here a little bit.

23 This is a chart which essentially shows how we did the
24 apportionment, relative to the states which have the several
25 share.

1 Essentially we came up with, as I describe, 36 tort
2 defendants and trusts, the combination of 14 in one, 22 in the
3 other; Garlock being one of them.

4 For our analysis we treated them all as being equivalent
5 from the standpoint of liability purposes. My reasoning
6 behind that is that Garlock is a low-dose defendant. Many of
7 its co-defendants are either the low-dose defendants
8 comparable to Garlock, or they are insulation and friable
9 products defendants, which would mean that typically you would
10 expect them to get much higher shares, depending on how the
11 dispute plays out, as we saw in the courtroom in the science
12 phase here.

13 But under the unusual circumstance cannot contemplate any
14 situation which rationally would wind up with Garlock having
15 a -- more than a 1/36th share of the total when there are 36
16 responsible liable parties on this.

17 So essentially this shows just a graph which shows you
18 that Garlock is one slice of the 36. In the several share
19 states, that's what they would get assigned.

20 Now, in the states as a whole, if the trust were able to
21 fully cover their liability and all of the evidence is
22 presented to the jury in a comparable fashion, you would
23 expect all states essentially have the same outcome. So it's
24 only in the fact that potentially the trust may not be
25 covering their full share of their liability. Where that

1 comes into play and whether we have to consider whether it's
2 several share versus not.

3 Now we don't actually know whether those companies can
4 share in their liability. Mr. Swett has been in front of you
5 and said they are paying, "pennies on the dollar". I question
6 that. We have never been granted discovery, the ability to
7 actually see that fact. It's not a fact that they're paying
8 pennies on the dollar. It may be relative to their scheduled
9 amounts. But in many cases I call into question from what
10 I've seen about the size of the amount that's been put as the
11 face value on these claims.

12 So as far as a liability estimate for those claims, we
13 just simply don't know whether or not they are covering their
14 share of liability or not.

15 But for purposes of this analysis, I've done it several
16 different ways. One which attributes them an equal pro rata
17 share, another which treats them as being essentially as if
18 they were a limited amount and treats them as if they were
19 simply offsets of the verdict amount.

20 The third one is to treat -- in fact, one of the
21 benchmarks I've done is to treat everybody as if all the
22 jurisdictions were joint and several, and all the dollars,
23 whether from the tort or the trust were simply offsets against
24 the verdict and Garlock was simply the final party.

25 So in the several states you would simply divide them up

1 in this way. In the joint and several state where you're
2 taking in account just simply as dollar assets, trust payments
3 would simply be represented as a subtraction off the total
4 amount of award. So to the extent that this represents the
5 total amount of the award at the end of conclusion of trial,
6 assuming that the plaintiff won the award, we would
7 essentially subtract the trust payments off, and the remaining
8 14 defendants would basically get one pro rata share of each
9 of them. That's the way we treated those.

10 For the hybrid states, what makes these states different,
11 particularly California, New York model in particular, is, the
12 defendant is severally liable for the noneconomic damages, but
13 joint and severally liable for the economic damages. So
14 that's a reason again why it's important to have that
15 partition. It didn't just help in our estimation, it also
16 helped in terms of portioning the liability in this way.

17 So for the noneconomic damages, all the parties who are
18 assigned, are assigned a share of the outcome, whether they're
19 considered to be bankrupt or not, whether considered to be
20 full or part of their share. The risk of basically not having
21 a full covering of a share is borne by the plaintiff in that
22 consequence, not the defendant.

23 However, for the economic damages, the -- essentially a
24 calculation which is done, which essentially takes a portion
25 of the amount that you collect from the trust. And that

1 portion is determined by the ratio of the economic to the
2 noneconomic damages. So if the economic damages were half of
3 the award, as this picture would say, then half of the
4 recovery amount would be used as a dollar offset against the
5 economic damages. And then the remaining portion of it would
6 be divided up among 14 remaining tort defendants.

7 So that's the three calculations that show how the
8 apportionment is between the various states.

9 Now, it's crucial within how we are doing this that we
10 are dividing and treating all the parties, all the tort
11 defendants and all the parties within the litigation
12 symmetrically. We're treating them as being comparable in
13 many respects.

14 So it's not -- we're not going to allow for, as we said,
15 all the information is taken into account, all the parties are
16 treated symmetrically with regard to liability calculations,
17 so that it makes no sense for us to essentially allow all of
18 the liability to get assigned to one party who is targeted,
19 and none of it to the other parties who settled out, and then
20 turn around and apply that same analysis to one of the other
21 parties where they then get assigned all the liability and all
22 the remaining parties are treated -- so all the parties have
23 to be treated symmetrically with regard to the law equally
24 under the law with regard to liability and the analysis that
25 we've done.

1 Q. Okay. So you've described the process by which you have
2 determined or estimated Garlock's share of a potential
3 compensatory award. Now you also described the likelihood of
4 success being a part of the equation?

5 A. Right.

6 Q. How did you -- or did you use Garlock's actual trial
7 experience in determining -- or how did you estimate
8 Garlock's -- plaintiff's likelihood of success against
9 Garlock?

10 A. Right. We've seen -- so Garlock provided me with a
11 record of its trial record. And we had essentially a history
12 of about 83 cases, which you've seen a table of the analysis
13 of each partition of that between plaintiff and defense
14 verdicts through time.

15 Here essentially we're going to use that trial history as
16 the basis for creating benchmarks of what the liability would
17 be. Then we're going to test that, the validity of those
18 results against the claimant data that we set.

19 As I referred to over here, you know, it's very clear as
20 we said over here, that the tried cases are not expected to be
21 typical of the settled cases. So when we're talking about
22 applying the results more broadly in an exercise where we're
23 trying to determine the liability of all the cases, relying
24 simply on the trial data there, we need to test that
25 against -- the veracity of that against the other data that we

1 have. Because there's so much more data in that case.

2 This is the chart on page -- Slide 54, this is the chart
3 that Mr. Magee showed you. It shows you that -- what the
4 difference in the trial outcome was. And what I've described
5 in this outcome is what we call the information regime on the
6 right-hand side. And it clearly indicates, as Mr. Turlik
7 testified to, and as Mr. Magee testified to, the information
8 that was presented, and how the information was presented in
9 the context of litigation matters. And it matters
10 significantly to the potential outcome of the case. Their own
11 experience with regard to using -- having information about
12 what a plaintiff's exposures are, and the form of that matters
13 to the potential outcomes as we've seen through the testimony
14 in this case.

15 So we have partitioned this into three different
16 information regimes, that based on my understanding of the
17 litigation environment, as well as my understanding of
18 Garlock's history in interviewing with Mr. Magee and the
19 defense attorneys who work with him, that in particular, in
20 the period prior to 2000s, we had a period where Garlock had
21 36 trials for mesothelioma cases, and won all over 90 percent
22 of them.

23 Again, a small growth, probably unrepresentative, but it
24 is, shall show you that the plaintiffs willingly -- in
25 environment where the plaintiffs willingly espouse exposures

1 to reorganize, companies even in the cases that they chose to
2 take to trial, Garlock prevailed the vast majority of time.

3 Where they ran into problems in their verdicts was during
4 the time period from the period of 2001 to 2005. And as I
5 described in my report, this was the transition of the period
6 the plaintiffs were increasing their demands on Garlock. And
7 Garlock started to pay increasing amounts to some of the
8 claimants, but at the higher end of the demands that they were
9 getting were much, much higher than they experienced before
10 and resisted.

11 The plaintiffs demonstrated that by particularly
12 targeting them -- and as we now know, withholding or
13 strategically presenting the evidence and positioning a case,
14 as we saw here with regard to the importance of gasket
15 exposure relative to the insulation exposure, and claiming
16 that they are in many cases, perhaps equal in some ways.
17 Which, you know, doesn't make any sense to me, but I saw how
18 the evidence was presented on that. They lost more cases, and
19 that's when they had the worst results in their history.

20 Going into the latter half of the decade, Garlock started
21 spending considerably more on its trials. It started spending
22 more on experts, developing testimony, investigating, and at
23 the same time the trusts had began operation.

24 The plaintiffs now have an option of getting money from
25 the trust by filing a claim. They don't want to be left out

1 to face the prospect of there being less money in the trust
2 when they come about.

3 And particularly the tactics of having one attorney file
4 the trust claims and another attorney handle the tort claim,
5 essentially raises the prospect that the tort claims and the
6 trust claims may proceed on tracks which are perhaps not
7 always fully coordinated, which essentially provided some of
8 the evidence that Garlock could use. They also started paying
9 more claims, more money.

10 As I mentioned in my report, the fact is that they pushed
11 the threshold down a little bit by paying a few more claims
12 more money, and as a result, the claims that were left that
13 the plaintiffs chose to take to trial on the margin, were not
14 near as good of cases and Garlock would prevail on those
15 cases.

16 So I have these three different information regimes. And
17 in terms of the way I would think about the liability from the
18 context of what we were estimating here, the period of the
19 1990s more fairly represents the period of the trial outcome
20 of what Garlock would face with all the other parties being
21 represented fairly equally in the courtroom with regard to the
22 exposure evidence was there.

23 So I've removed from it, in my estimate, the parts of the
24 information regime which the trust information was not
25 provided -- was not represented in the same way and that's the

1 best estimate. And that's why I chose the period of the 1990s
2 for my estimate.

3 Q. At the risk of being redundant, you tested that
4 likelihood of success?

5 A. I did.

6 Q. What did you find about whether that was an accurate
7 estimate of the likelihood of success that plaintiffs would
8 have in trials?

9 A. Right. So I think actually we've got some information on
10 the next slide which relates to that.

11 As I described in the earlier period here, when I looked
12 at the cases, I used the settlement data in the way that I
13 described, to come up with estimates of the liability
14 likelihood, both within the -- for all of the cases, parsing
15 them in the way I did here. Each one of the cases, based on
16 the claimant characteristics and the settlement amounts and my
17 estimates of what the avoidable costs are and the potential
18 verdict amounts, allows me to back into a calculation for each
19 one of them, what the liability likelihood would have been for
20 that case, given the amounts that we estimate that they
21 recovered, as well as the amounts we expected, for the most
22 part at that point they had not recovered much in the way of
23 trust claims.

24 So the settlement data actually took place in an
25 environment where they actually didn't know all of that

1 information, so you have to account for that in what we did.

2 But in the face of that we found that the upper, nearly
3 5 percent, bullet says 4 percent because it literally was
4 96 percent, 4 percent of cases we had that the likelihood --
5 indicated likelihood of success on those cases in the 2000s
6 amongst all the settled cases -- this is not going back to the
7 period of the 1990s. This is using the actual settlements
8 from the 2000s.

9 And implied likelihood, the calculated likelihood for
10 those cases averaged within that group 17 percent. Now some
11 of them are 100 percent. We have a series of them, they cover
12 that entire range along that diagonal on what we have.

13 But what this particular analysis showed that in the
14 picture that I had here, that 96 percent of the cases are all
15 right there. Then we have a series of dots that run along
16 this range. A few that we have verdicts are out over here for
17 the most part. But we have all of those dots that are
18 scattered around here. Some of them are up here at
19 100 percent, some of them are 50, some over there. But this
20 is several hundred of them compared with thousands of them at
21 this point right here. And that's what the data analysis
22 showed us.

23 And when you did that test and you calculate an average
24 across all of those to what you found by weighting the
25 averages of 4 percent times 17 percent, plus 96 percent at

1 essentially zero, you got the typical -- for applying this to
2 a typical claimant, the appropriate average amount would have
3 been more closer to 1 percent across the entire population of
4 potential claimants who would assert contact with Garlock
5 product.

6 MR. CASSADA: Your Honor, we're closing in on
7 putting all the components of this together in this second
8 part of the opinion. I estimate we're about 15 minutes more
9 on this --

10 THE COURT: Why don't we take a break.

11 MR. CASSADA: Okay.

12 THE COURT: Come back at 10 after 4:00.

13 (A brief recess was taken in the proceedings at
14 3:58 p.m. Court resumed at 4:12 p.m.)

15 BY MR. CASSADA:

16 Q. Thank you. Okay, Dr. Bates, you were describing how you
17 tested your assumption of likelihood of success.

18 A. Yes. Yes.

19 Q. Had you completed that?

20 A. Yes. I believe we went through that.

21 Q. Okay. All right. So now that we've determined an
22 estimate of the share of compensable award and the likelihood
23 of success, what was the next variable that you estimated?

24 A. Well, the next thing to do is to apply the results that
25 we have accumulated so far to the claims data, to come up with

1 our estimates for this, and how they apply to both pending
2 claims and future incidence. So we did this to the two
3 different populations in data.

4 So we have for the pending claims we have the data. We
5 use the data that we obtained from contact with Garlock's
6 asbestos products by identifying the potential liability
7 candidates. And those were the claims that remained after the
8 PIQ process, for which Dr. Gallardo-Garcia talked about.

9 So we essentially divided the pending claim data into two
10 groups, those which could establish and asserted contact with
11 Garlock's products. Because after all, the claims that go to
12 trial are the ones for individuals who assert contact with
13 Garlock's product. So that's the minimum requirement to
14 basically make it to the point of a trial and those that
15 don't.

16 And within that group, the claimants, we applied,
17 essentially, the categories of -- we did an analysis of the
18 categories with regard to the groups of contact that
19 Mr. Henshaw gave us with regard to how the claimants were
20 divided.

21 As far as the valuation of the claims goes, that part of
22 it didn't play any role in the valuation of the pending
23 claims, it simply gave for us a determination of what fraction
24 of the pending claim would meet that qualification.

25 And so we essentially take the -- each one of the pending

1 claims. We use the PIQ data to establish which ones had
2 asserted, either direct contact with either Garlock packing --
3 excuse me, Garlock packing or gasket product, either directly,
4 indirectly or through a bystander basis, and treated them all
5 symmetrically with regard to our liability estimate.

6 We estimated the aggregate compensatory amount we expect
7 each one of them could get. We estimated the recoveries for
8 each one of them. Both from the -- potential from the trusts
9 and from the tort recoveries from the other claimants. We
10 used the -- essentially the data on the states and
11 jurisdictions to partition the awards. We applied to each one
12 of them the likelihood -- liability likelihood that we got,
13 and essentially that gave us a valuation of the pending
14 claims.

15 For the future claims, of course, we don't know which
16 ones they are yet. So for that purpose we have to go through
17 the more extensive exercise and use the epidemiological model
18 we have for future claims. For that purpose now we did use
19 the contact groups as defined by Mr. Henshaw, because within
20 those contact groups the PIQ data reveals that different
21 percentages of claimants assert contacts with Garlock's
22 product.

23 We didn't try to do anything more sophisticated than
24 that, other than identify them. There are differences within
25 the contact groups but -- with regard to the likelihood of

1 having contact and the amount of contact they had. But for
2 this purpose we've done a simpler analysis and just used the
3 fact of contact as being the relevant characteristic of the
4 data.

5 So we used the data on the PIQs to basically partition
6 the future incidence of these, which is represented by the
7 small picture of the future incidence curve over there which
8 we typically use in these cases. And we partition them into
9 the contact groups that Mr. Henshaw defined, it's on Slide 56.

10 On Slide 57 I actually will show you how we divided up
11 those groups.

12 Q. Okay. Before we go to Slide 57, I want to pause for a
13 moment. You said that the claims for which there's potential
14 liability, are all of those claims, claimants who actually
15 just established contact with a Garlock gasket?

16 A. Who asserted contact.

17 Q. Who asserted contact.

18 A. That was the plaintiff's representation of it.

19 Q. That was assumption one, was it not, of the assumptions
20 we asked --

21 A. It was.

22 Q. And as you described that earlier as a claimant-friendly
23 assumption?

24 A. I think it's at least a minimum requirement for taking
25 the case to trial. I mean, most of the cases which Garlock

1 paid, in fact, all the claimants that I know of, and the
2 policy I know of was that a claimant in order to get paid, had
3 to assert contact with a Garlock product. That's essentially
4 an insurance requirement. They have that as a minimum
5 requirement, that it has to be someone who's asserted contact
6 with the product. Same basis for the liability, and that's
7 the basis for the -- now, most of those claimants as we know,
8 didn't get paid at all. But we've accounted for that fact in
9 the calculation of the liability likelihood that we used when
10 we used -- recount for the settlement data.

11 For the trial cases it's only likely to be the
12 higher-value cases. And for those, you know, we use the
13 higher percentages with it. It would be a claimant-friendly
14 assumption to use in this basis.

15 Q. Okay. Let's go to Slide 57. You were describing how the
16 contact groups are represented in this?

17 A. Yes. This curve shows you the result of the -- model of
18 the occupational incidence of mesothelioma. It shows that an
19 aggregated peak, somewhere in the neighborhood of 2000, and by
20 2010 is on its way down. This is not the entire incidence of
21 mesothelioma. This is the part that is attributable to the
22 use of asbestos in occupational settings. We've divided that.
23 The color coding shows you the amount of it which comes within
24 each one of the contact groups.

25 And so as we can see from this curve, we expect to have

1 cases of individuals who will come out of each of those groups
2 going well into the future, though we are in a period of where
3 we are declining rather rapidly, and for a population that's
4 aging. This comes out of a population, a fixed population of
5 individuals where the incidence of disease has essentially
6 ended in 19 -- excuse me. The exposure to asbestos has
7 occurred in 1979. I've done some testing on this to take
8 account of the fact that there's been some assertions in the
9 testimony in this courtroom that there were exposures that
10 could come from gaskets beyond that time period. And I've
11 done some sensitivity of testing on that, based on the
12 evidence that I've heard, and it does not have a material
13 impact on my assumptions. I can quantify that if there's
14 interest, but I don't think it has impact on the results.

15 Q. You describe the incidence model that you had constructed
16 over time, I believe you described it as a further refinement
17 of Nicholson's original incidence model?

18 A. Correct. Yeah. So this is actually an aggregation of
19 thousands of populations of people that are aggregated
20 together, which have different -- within each ones they have
21 different levels of exposure to asbestos that are basically
22 derived from estimates in what's called, I think, Dr. Welch
23 referred to, "Job Exposure Matrix" in here. Which refers to
24 the estimates of the relative exposure that each one of these
25 occupational estimate groups have. And there's several

1 thousands of those.

2 We then used in constructing this model, the --
3 essentially what we adopted what amounts to the -- what's been
4 called in here the regulatory model of the incidence of
5 disease. So we have actually allowed for low-dose exposures
6 to have a risk, instead of going all the way down to zero in a
7 linear fashion, the same way that Dr. Welch and others have
8 explained in the room here. So we have taken that assumption
9 as being the basis for this model. It's the model that
10 Dr. Nicholson used, the risk model that Dr. Nicholson used.
11 And for our purposes we adopted the -- essentially the
12 plaintiffs' view about the contribution of low-dose asbestos
13 to the incidence of disease.

14 And in that basis we have actually expanded the
15 populations far beyond what Nicholson used. Because his
16 population did not include the bystanders and the indirect.
17 We've included those in the way this model is estimated and in
18 our estimate.

19 So we have adopted, essentially, the plaintiffs' view
20 about the -- as described in here about the role that asbestos
21 plays in disease and assume that every incremental exposure
22 adds to the risk, according to formula, the 1986 formulas of
23 the EPA that Dr. Nicholson developed.

24 Q. Now we're turning to Slide 58. Would you describe then
25 how you estimated the number of persons who have contact by

1 contact group?

2 A. Yes. This is essentially the part -- a portion of the
3 prior curve, but done in bars. And it shows the portion of
4 the population, which based upon the PIQ of responses we
5 assert would -- based on PIQ responses, would assert contact
6 based on contact group with Garlock's product.

7 Now there's several assumptions behind this. The
8 assumptions I think are claimant-friendly assumptions in that
9 PIQ responses are population of people who actually sued
10 Garlock. Which is not the entire incidence of the disease,
11 not the entire occupational incidence of the disease.

12 In fact -- so, by using the PIQ responses to partition
13 this, we've essentially assumed that the entire incidence of
14 disease is an occupational incidence of disease is a candidate
15 for our consideration for valuation. And we then take a
16 fraction of that population based on the PIQ responses about
17 what fraction of the people asserted contact.

18 Well, the denominator in that case, the number that we
19 were using, was the number of individuals who sued Garlock in
20 that contact group. That number is less than the number of
21 people in the incidence of the disease. So when we apply that
22 fraction to the future incidence of disease, we're adding
23 extra people into that.

24 This estimate, the estimate we have here, is essentially
25 independent of the claims -- the history of the claims that

1 Garlock has in terms of the number of people filed, which
2 essentially just comes out of the incidence of disease, and
3 the fraction of that incidence of disease that would assert
4 contact, assuming that it's the same as in the PIQ response
5 group. So there's no equivalent to what would be the concept
6 of propensity to sue based on the history. It's built up from
7 the ground up based on that data.

8 So each one of these bars shows you the fraction of the
9 people -- the number of the people within each one of the
10 contact groups that we are going to run through the valuation
11 model, apply a likelihood of success, estimate of compensatory
12 damage amount for them, and estimate the relative shares based
13 on -- for this purpose, that's what this represents.

14 Q. Okay. So now I think you've described how you
15 estimate --

16 THE COURT: But there's no percentage in there, says
17 "percentage of incidence". There's no percentage on the
18 chart, is it?

19 THE WITNESS: I'm sorry. This represents only a
20 percentage of the incidence.

21 THE COURT: I gotcha.

22 THE WITNESS: Just to flip back for a moment so we
23 can see. This chart peaks at around -- well, at 2010 it would
24 be somewhere in the neighborhood of 1900, 20 -- 2000. So we
25 go to the next chart. We have for that year -- well, use this

1 number. We have a number here that's just slightly over
2 1,000. So we're taking slightly more than 50 percent of that
3 percentage of that population. Sorry for that confusion.

4 BY MR. CASSADA:

5 Q. Okay. So to recap you estimated -- or you described how
6 you have estimated each variable in the model. And you've
7 described the model. Can you now describe how the input of
8 the variables in the model rendered your estimation results?

9 A. Right. So we applied the model that I've just talked
10 about to each of the claimants in the pending claim group.
11 I've essentially created three benchmarks, as I've
12 described in my deposition, to do an evaluation of that. I
13 did a calculation associated with the pending claim groups
14 where I treated all of the pending claims as if they were
15 several share, that is, as if there was a full share recovered
16 by all of the -- the trust had the full share of liability
17 covered through for this model.

18 I did another calculation where I applied it in this way
19 which was the combination of -- for the states that were joint
20 and several, I did that calculation. For the states that are
21 several I did the calculation I described. And for the hybrid
22 model I did those. And I did one whereas I said, I treated
23 them all as being joint and several calculation.

24 We know that from the settlement data -- the verdict
25 data, we got an estimate here of approximately 8 percent. We

1 know from the testing of the settlement data that that number
2 is really less than 8 percent, and likely much, much less than
3 8 percent.

4 Essentially we have here -- we call it -- we put this as
5 the formula as if it was a number. In fact, what we did was,
6 we did these for each of the individual claims, multiplied it
7 by a likelihood percentage, added them up to get to
8 essentially for each one of the pending claims. And when you
9 do that, we come to the conclusion that the aggregate total is
10 less than \$25 million.

11 Q. And how about future claims?

12 A. Well, again, we did the same thing with this population.
13 Only instead of applying it to the individual claims on the
14 pending claims, we do it to the groups of claimants within the
15 future claim group, and on the basis of that come to the
16 conclusion that the total is less than \$100 million. And
17 likely to be given that the 8 percent is significantly much
18 bigger given the large volume of claims that we have here, the
19 8 percent is likely much too big, the number is less than
20 \$100 million.

21 Q. Now you've described today the difference between -- what
22 your estimation results are. You also described the
23 difference between liability and settlements. And you also
24 described the difference between an estimation of liability
25 and an estimation for financial statement purposes?

1 A. Correct.

2 Q. Let me ask you to look at the next slide, and describe
3 the information contained in this slide.

4 A. Well, this slide was prepared as a result of some
5 questions that were asked me by Mr. Guy in my deposition, when
6 he asked me at the end of it, had I done any analysis what I
7 would get out of my financial reporting models that I used, if
8 I extended them out to the end of the period of the -- for
9 which the model ran. The same time period that we have here,
10 of going out 2059 essentially. I used it only for
11 mesothelioma claims. What would I have gotten if I run that
12 model out?

13 So the differences between what we've done in financial
14 reporting was that we -- one, we had other diseases included
15 in the number of reported.

16 And two, we didn't account for the -- we didn't take a
17 present value calculation. It's in the model that we had.
18 But in terms of the numbers that are reported for the
19 financial reporting purposes, they only reported the nominal
20 amounts.

21 For counting reasons, some of the accounting firms don't
22 want to use a discounted number. They prefer to have on the
23 balance sheet a revealed total nominal value amount. So
24 that's the choice that they did.

25 So what this chart has done is, I've put in perspective

1 the -- our calculation here of Garlock's asbestos liabilities,
2 which in total is less than -- I'm sorry. Is less than
3 \$125 million. With what I would get using that same model,
4 the financial reporting model in a couple of different
5 circumstances.

6 As I described in my deposition, if I have this amount
7 here, which was essentially what I would get if I had the low
8 end of the financial reporting range I had, which was a number
9 that ran somewhere in the neighborhood of 330- to
10 \$430 million.

11 This is the number I also get in my rebuttal report when
12 I take Dr. Peterson, Dr. Rabinovitz's estimates and do the
13 corrections for the data and estimation that they used, and
14 then apply my estimates of what the impact of full trust
15 transparency would be on their estimates.

16 That's essentially what we were trying to capture at the
17 low end of financial reporting range, is the impact that the
18 trust would have on the information that would affect the
19 settlements.

20 And we didn't have the model and we didn't have the data
21 to do it in the way we did here. So there we were essentially
22 using the period of time from the earlier periods, to
23 calibrate to the time period from the 1990s, at which we would
24 then take a partial revision to that amount.

25 Just to get the idea of what we were talking about there,

1 is this is the amount that you would get down here if you
2 would have applied in the range of 140 to \$200 million. If
3 you applied the experience of Garlock in the 1990s to the
4 filing history that we see in the 2010 period going forward,
5 and apply that to the pending claim. So essentially that
6 gives us an estimate of what would be equivalent -- in doing
7 the financial reporting, this is what we would calculate -- is
8 what you would get if you had the experience of the plaintiffs
9 fully avowing their exposures to asbestos products, in
10 particular the insulation products and the friable products as
11 they did in the 1990s.

12 And in that period, that's probably the situation which
13 was the best for Garlock in terms of defending claims, and
14 it's going to have the biggest impact. Because they're not
15 going to be targeting Garlock. They're going to be targeting
16 these. Or if they're targeting Garlock, they're doing it in
17 the context of also targeting these insulation companies. And
18 that's what you would expect to get when they are playing an
19 active role in essentially describing the exposures to the
20 insulation products and it's coming out of plaintiff's mouth
21 in their deposition and they're answering interrogatories in
22 the same way.

23 On the other end of our financial reporting range is a
24 range up here that's in the range of somewhere around 610 to
25 \$670,000 -- \$670 million net present value.

1 And this is the period you would get if you extrapolated
2 the current period of time, through the mid-19 -- mid-2000s
3 out through the end of time for the financial reporting of the
4 incidence of disease. That is what we would get from the
5 upper end of our financial reporting model.

6 It's also what you would get if you basically take
7 Dr. Rabinovitz's model and Dr. Peterson's model and you get
8 estimates within this range, if you simply adjust for us to
9 get the same present value calculation and correct their data
10 errors and exclude what I call some of the adjustments which
11 Dr. Peterson makes and which I take exception to and think are
12 erroneous.

13 Those and models then, between the three of us we would
14 get within that range, again, a similar range of numbers all
15 within the range of 610 to \$670 million.

16 MR. INSELBUCH: I hate to interrupt, but this
17 material is not in Dr. Bates' report, or in his rebuttal
18 report. I'm glad to have it, but I would like to have the
19 backup material that results in these assertions, what the
20 computations are. Could I have that tonight?

21 MR. CASSADA: Sure. I think you already do. These
22 come from the financial reporting that Dr. Bates did.

23 MR. INSELBUCH: Well, he says so. I'd just like to
24 see the calculations.

25 THE COURT: Okay.

1 BY MR. CASSADA:

2 Q. Okay. Please proceed, Dr. Bates, or were you finished?

3 A. No. I was simply going to mention that within the
4 context, these are the two amounts that I described in my
5 deposition, and I described these ranges to them. This amount
6 I'm providing is context for how we did the calculations for
7 the upper end and the lower range, and then the perspective.
8 This is the middle of the financial reporting range that we
9 would get that we reported if you used the same model and
10 pointed out -- pull it out to the future in the same way. So
11 that would be a number that started from mid-400s to
12 mid-\$500 million in valuation.

13 So the financial -- so the financial reporting model is
14 consistent with what we've done here, in terms of what it
15 tells you. It's just we're focused again on different numbers
16 than we were.

17 Q. Okay. Can I ask you a few questions about the financial
18 reporting? Because the court has not seen your financial
19 report.

20 A. Sure.

21 Q. Was it your opinion in 2004 or so when you were first
22 engaged in late 2004, early 2005 in connection with the
23 financial reporting work, was it your opinion that Garlock
24 would -- a day would come where Garlock would likely get
25 relief from the establishment of the trust, and that that

1 would have a downward impact on future expenditures?

2 A. Yeah. From Garlock's perspective, it's a relief. I
3 expected that as I described this that the information that
4 had been in the litigation, would again be in the litigation
5 when it was a combination of when the trust would be paying,
6 they would have access to the discovery on the trust, and the
7 plaintiffs themselves would have a financial incentive to file
8 the claims with the trust.

9 I don't think any of us anticipated at that point that it
10 would introduce the provisions that basically said that you
11 would not be able to get access to that information. It has
12 something to do with why we wrote the paper that we did in the
13 later part of the 2000s about having the tort vehicle too.
14 Because when we started becoming aware of those provisions
15 being put into the trust distribution procedures and the role
16 that those would play.

17 THE COURT: Mr. Guy has something.

18 MR. GUY: Yes, Your Honor. I'm happy to hear this
19 from Dr. Bates, but I'm assuming that this takes care of any
20 objections there are to the financial reporting being used in
21 the courtroom?

22 MR. CASSADA: No, not at all. This is an
23 explanation of why it cannot be used for the purpose that we
24 described earlier.

25 THE COURT: All right. Let's go. Go ahead.

1 BY MR. CASSADA:

2 Q. So then you rendered estimation opinions that took into
3 account scenarios under which Garlock would get relief from
4 the establishment of the trusts; is that correct?

5 A. Yes. That was the main purpose -- the main purpose of
6 the ranges that we created, the -- one of the main sources of
7 the ranges that we considered was trying to take account of
8 the fact that we were moving into a future which is not going
9 to look the same as the past. What we have is data from the
10 past. We're trying to figure an appropriate way to account
11 for that. We don't have all the data that we needed to do
12 that, but we have the idea of what the impact.

13 So we created alternative scenarios, which in our
14 judgment reflected what the impact might be, presented them as
15 scenarios, because -- and we put some qualitative judgment on
16 which would be more likely than others.

17 In particular, this area of the range, somewhere in this
18 area here to down around here was in the area which we
19 considered to be most likely.

20 And in the period where we were reporting more in the
21 middle of the range that Garlock was disclosing -- EnPro was
22 disclosing the middle of the range, they would have used
23 numbers that were coming around in this range here.

24 Q. I see. So when you look at the range created by the top
25 three of those different ranges, and moving from the bottom to

1 the top, that represents different degrees of transparency
2 that Garlock might expect to get from the trust in the future?

3 A. Right. I think of them, as I said, information regimes.
4 They have different ways in which the information is
5 available, how much of it's available, and how it's being
6 presented, and how that can affect the litigation. I think
7 that's what I'm representing through these scenarios.

8 Q. I think this is probably obvious from the testimony
9 you've given today, but can you explain the difference between
10 the upper end of your range of Garlock asbestos liability, and
11 lower end of the range, beginning with the -- the little --
12 what you call there, the low end of financial reporting range?

13 A. Well, the difference between here and here?

14 Q. The difference between there and the top of the blue bar
15 at the bottom.

16 A. Oh, right here, the liability? Oh, the difference
17 between this and this?

18 Q. Yes.

19 A. Well, the difference between that is the amount that
20 Garlock would pay in settlements to avoid costs associated
21 with the discovery and the litigation in the case. So that's
22 their avoidable costs by settling.

23 Q. So if we're back looking at that model that you had where
24 you had settlements in the midpoint of the range between the
25 plaintiff and defendant's calculus, and the actual liability,

1 that would be the difference between the liability and a
2 settlement that took into account the defense costs?

3 A. That's correct.

4 Q. Okay.

5 A. Well, in aggregate. It's the aggregate total difference
6 between what we estimate being between what is amount -- that
7 somewhere the liability amount is somewhere represented down
8 here. And the difference between there and there is the
9 amount that Garlock is essentially paying to avoid even larger
10 costs as we saw, of litigating all the claims.

11 Q. Okay.

12 A. Obviously litigating all the claims is more expensive,
13 so...

14 Q. Okay. Thank you. So now you've finished explaining your
15 first and second opinion. We're going to turn to your last
16 opinion.

17 THE COURT: Before you go to that, when he
18 summarized, I thought he said that future liability was
19 \$160 million, which he added the \$25 and then discounted to
20 present value at \$125 million. One of the previous slides, I
21 think, said \$100 million for the future liability.

22 THE WITNESS: That's \$100 million net present value.

23 THE COURT: That's net present value. Okay.

24 THE WITNESS: And this was \$25 million net present
25 value.

THE COURT: Gotcha. Okay.

1 BY MR. CASSADA:

2 Q. So they are future in the sense that they would be
3 payments in the future, but part of it represents the pending
4 claims.

5 THE COURT: He had put the discounted figure in
6 that --

7 THE WITNESS: I'm sorry, Your Honor. Yes. We
8 discounted it before in this calculation.

9 THE COURT: I gotcha.

10 MR. CASSADA: Your Honor, any other questions about
11 this?

12 THE COURT: No. No.

13 BY MR. CASSADA:

14 Q. Dr. Bates, in the third task that you were given, we
15 asked you to reach an opinion regarding adequacy of Garlock's
16 proposed funding of \$270 million under its trust, specifically
17 whether that would be sufficient to satisfy pending and future
18 claim?

19 A. Yes.

20 Q. Have you reached an opinion with respect to that issue?

21 A. Yes, I have.

22 Q. What is your opinion?

23 A. I agree -- I reach the conclusion that Garlock's proposed
24 funding of \$270 million is sufficient to satisfy the pending
25 and future claims under the debtors' plan of reorganization.

1 Q. Okay. So we're gonna have to spend a little bit of time
2 explaining the plan to the Court, and explaining the bases of
3 your conclusion.

4 So first -- can you describe, then, the conclusions you
5 reached regarding a value of the claims under the plan?

6 A. Right. So, just to set it in context with what we did
7 before. Essentially the plan of reorganization provides a
8 procedure by which claims can be presented for payment and
9 requires certain information about the claimants' exposures
10 and their alternative exposures to be presented as part of the
11 plan.

12 So with that back context, we expect to be able to
13 understand what would be an appropriate amount to cover that
14 as a settlement within the information regimes that we talked
15 about before.

16 Because, in fact, they're essentially intermediate to
17 part of those information regimes as I described. It's not
18 the equivalent of fully espousing the exposures, but it's
19 cheaper than having to go and get them through litigation
20 discovery because it's an administrative procedure that they
21 have to go through before they get to the litigation, so --
22 potential for litigation.

23 So the information has to be provided, and has to be
24 provided in a way that is inexpensive for them, but it is no
25 longer costing Garlock in the form of litigation expense to

1 get that, and hence it's a reduction in the avoidable costs to
2 Garlock and lowering in what we would expect to be -- expected
3 appropriate settlement amounts.

4 So essentially the estimate -- we're going to estimate
5 the settlement value of the current and future mesothelioma
6 claimants. We have in the plan that specifies what that
7 amount is. We believe that value has a premium that Garlock
8 claimants would receive under the plan of reorganization.
9 It's an amount that is in excess, significantly in excess of
10 its asbestos liabilities. The premium is attributable to the
11 benefit Garlock received, so it's going to be less than what
12 they would pay in the tort system under the estimates that
13 we've got.

14 On the other hand, essentially it's above the liability
15 and significantly above, and there's no reason to believe that
16 if administered properly, the claimants wouldn't accept the
17 settlements and be incentivized to settle with the trust. In
18 particular the way its structures pay different claimants
19 different amounts, particularly those who might have a
20 potential liability for Garlock.

21 Q. So the plan addresses the transaction costs that Garlock
22 had faced in the tort system to achieve the information regime
23 where it would actually get the information?

24 A. Correct. It's a reduction in the transaction costs, and
25 that translates, as we've seen -- a reduction in costs

1 translates into a reduction in appropriate settlement
2 amounts -- expected settlement amounts.

3 Q. Can you describe with reference to your previous
4 discussion about the relationship between the settlement and
5 the different determinants? Can you describe how the plan
6 works?

7 A. Sure. What we have here is, this is a picture of the
8 chart that we showed before where we showed where the
9 settlement ranges were that came out of -- these were for the
10 cases for which are the 95 percent of cases for which Garlock
11 has no perceivable trial risk associated with them.

12 Within those cases, as you recall, Garlock was avoiding
13 costs on average of about \$65,000 leading to settlements on
14 average of about \$37,000.

15 Under the plan of reorganization, those costs would be
16 reduced. And we believe in terms of thinking about it in
17 terms of the information regimes that are there, and
18 understanding what they would apply in terms of the cost based
19 on my analysis, it would be equivalent to basically reducing
20 the costs -- avoidable costs to \$20,000. So that's equivalent
21 to about a \$45,000 savings in cost through the discovery and
22 litigation costs. Which I don't think is unreasonable at all
23 in light of discovery -- the information requirements that
24 need to be brought forward.

25 The impact of that should be a reduction in the

1 settlements which as we know, the appropriate settlements for
2 that based on the modeling, that would be about \$12,000
3 through the plan of reorganization instead of the amount which
4 was \$37,000 as during the period of the 2000s when they had to
5 litigate to get that information, versus only 5- or \$6,000 as
6 prevailed in 1990s when plaintiffs actually espoused that
7 information on their own.

8 Q. So what are your estimated mesothelioma payments under
9 the plan of reorganization as such?

10 A. Well, the estimate of the payments under the plan of
11 reorganization, we believe for pending claims is less than
12 \$60 million. In this case not significantly less, but less
13 than \$60 million. The future claims at two and a half percent
14 inflation, would be approximately \$260 million. So we've
15 inflated the values here at an expected inflation as we did
16 with the future claims, giving a total of \$320 million.

17 So here we've actually added inflation to the amount,
18 unlike some trusts which don't actually inflate the amount for
19 trusts.

20 Then if we basically use the same present value
21 calculation associated with this, it would be -- essentially
22 we estimate that the total amount required to make the
23 settlements, given the number of claims and the payments of
24 the trust, would be less than \$220 million, pretty close to
25 that though.

1 Q. The -- there's been testimony in this court about the
2 trust distribution procedures. Garlock's plan has claims
3 resolution procedures which would be the equivalent. Could
4 you describe the criteria -- the basic criteria under the CRP,
5 and the resolution alternatives that are offered to claimants?

6 A. Right. Well, I mean, this slide describes them. So in
7 this particular, we're going to -- there obviously has to be,
8 like the other trusts, the 524(g) trusts, the bankruptcy
9 trusts has done, requires medical evidence of pleural
10 mesothelioma.

11 Again, we're going to require direct or indirect contact
12 with the Garlock asbestos-containing products. Require
13 contact with Garlock's products before January 1st, 1978. And
14 then have, essentially, require that they be able to identify
15 product.

16 The options here are two. There's an expedited review
17 option and an individual review option.

18 Claimant having gone through the procedures and does not
19 wish to accept the settlement under either outcome, can go to
20 essentially a litigation outcome and try their claim in the
21 tort system. But before they can emerge to go to that, they
22 have to have provided the information required for by the
23 trust.

24 Q. What is the purpose of the expedited review option and
25 how does it work?

1 A. The expedited review option here is essentially an option
2 that does not require -- requires less information to be
3 provided than the full individual review option. It -- it's
4 modeled in many respects after something that's like the
5 Western MacArthur Trust which has a more -- a trust which
6 actually takes account of claimant characteristics. So unlike
7 some of the trusts which have a very simple scheduled amount,
8 and that's it, then you can go to individual review. And the
9 individual review option there is basically about, you know,
10 what's your -- which lawyer did you sue with, what your age
11 was and so on.

12 This doesn't account for that in any way. This is a more
13 sophisticated approach but is modeled after Western MacArthur.
14 In fact, in some respects, it might even be a little bit
15 simpler, but it does have the recognition that within the
16 contact groups that Mr. Henshaw recognized, there's a more
17 likelihood of potential for risk, and more likelihood to be
18 deserving in some of those contact groups in terms of the role
19 that Garlock's gaskets play within the contact -- the asbestos
20 exposure within each one of the contact groups.

21 The table over here shows you essentially, the maximum
22 settlement amount that could be offered. Then there is
23 essentially, an index that is described that is the --
24 essentially is calculated and is based on the diagnosis, age
25 of the (indiscernible), age of the individual, their life

1 status, their spouse and other dependents, the duration and
2 contact of exposure, and the state which they claim filed.

3 This is very much like you would do with the Western
4 MacArthur Trust, without the contact groups because of the
5 nature of their product that they had other requirements,
6 particular things like claim filing state, spouse, dependents
7 and life status are all aspects which came to be so the index
8 was modeled after that trust.

9 Q. Okay. I'm going to break a rule and I'm going to go
10 backwards but just for a moment.

11 When you were describing the claimant -- the criteria for
12 settlements, you described the requirement that there be
13 contact with Garlock's products before January 1 -- I'm back
14 on Slide 67 now. January 1, 1978. Would you describe the
15 basis for that criteria?

16 A. I think this is when the warnings went on to the
17 Garlock's products, so it's a legal basis.

18 Q. Okay. Do you know whether Garlock paid settlements where
19 there was first contact alleged after January 1, 1978?

20 A. I do not know that.

21 Q. Okay. Can you provide an example of expedited review
22 settlement offer to a claimant with significant gasket
23 contact?

24 A. Right. So this is -- essentially shows you how the index
25 would work through and how the settlement amounts would work

1 for an individual with expedited review. He's a 64-year-Old
2 claimant who is alive at the time of his filing. He has
3 dependents. He worked as a Navy pipefitter for 15 years, and
4 he's in the state of Illinois. The index would calculate and
5 give a settlement offer to that person based on that
6 information of approximately \$94,000.

7 Q. Can you then -- describe the example of an expedited
8 review settlement offer for a typical claim?

9 A. Well, a typical claimant would be less. They would tend
10 to be older. They would be less likely to be in the first
11 contact group, so their maximum amount would be less. So this
12 would be someone that comes from the State of California where
13 there's a significant number of claims come from. He does
14 have dependents. He is alive. But he's in contact group two
15 and he's older. So the settlement offer for this amount is
16 about \$21,000.

17 That's how the formula works. There's essentially a
18 template, a calculator that can be used that you can plug
19 these amounts into and actually get the amounts out.

20 Q. When you say there's a calculator that can be used, who
21 could use that calculator?

22 A. Well, a claimant could use this. You have the trust, you
23 could essentially on the web site put the calculator, such
24 that an individual could plug in their characteristics and
25 know the amount they could get; both under the individual

1 review and the expedited review. So that they could
2 essentially figure out which is the better way they should
3 file their claim, based on the claimant characteristics --

4 Q. Good.

5 A. -- as well as the other information. Because the
6 individual review's going to require additional information
7 requirements. In many cases that would actually reduce the
8 settlement amount. The plan wants to encourage people to use
9 the individual review so that the vast majority of them, they
10 will get more money out of the expedited review. Which is
11 actually not any different than the money in the 524(g) trust.
12 You can submit for the higher demands, put higher
13 administrative demands on the trust, you better have a higher
14 quality claim to be -- to make it worthwhile.

15 So both parties save money through the expedited review
16 process for the vast majority of claims.

17 Q. Let's turn to the individual review option. Would you
18 describe the purpose of this option and how it worked?

19 A. Well, this is an option that basically is tailored to
20 account for the fact that occasionally through the litigation
21 there are individuals who assert that Garlock is either the
22 sole or the primary source of their exposure. These are going
23 to be unique individuals. And if that is the case, you would
24 expect to see Garlock owing a fairly large amount of money on
25 those cases, assuming that they actually meet those criteria.

1 As we've seen through some of the discussion through
2 Mr. Turlik and Mr. Magee, a number of the cases that were
3 presented gave the appearance of that. I think the term that
4 Mr. Magee used was illusory, but in fact they turned out after
5 the fact not to be the case. We're talking about the ones
6 that would actually meet that criteria.

7 So this plan -- this again has an index -- several sets
8 of indices. It uses the same information that's in the
9 expedited review, but it also requires complete job and
10 exposure history, and the identification of other sources of
11 exposure, including settlements, claim trust, which the other
12 did not. The other was a settlement.

13 So essentially, you don't have to provide the other
14 information, other than what you do currently to Garlock in
15 the settlement, which is assert the direct contact with
16 Garlock product, within the timeframe, provided the necessary
17 demographic occupation, and basic occupational information and
18 you can get a settlement offer out of it. Whereas this one
19 requires more of the complete job and exposure history.

20 Now, the potential is to get a lot more money. The
21 maximum value for this category is two and a half million
22 dollars. It takes a fairly young claimant here to get that,
23 with strong economics, and other criteria.

24 But really what this amounts to is they don't have a lot
25 of alternative exposures to point to. In which case that's

1 where you expect to see Garlock would be likely if it was a
2 case such as that was taken to trial and win, Garlock would
3 have to pay a fairly significant amount.

4 Q. So going back to your liability estimation model, this
5 would be a case where the Garlock share of the total
6 compensatory award would be high, based on the lack of other
7 exposures?

8 A. That's correct. It would be one which you would expect
9 to see a very limited number of other exposures to it.

10 Q. Can you describe an example of an individual review offer
11 to a claimant with significant gasket contact?

12 A. Right. So this would be the idealized person who does a
13 lot of work which is a gasket cutter, but they're not in the
14 presence of industrial -- insulation products, for which there
15 is, you know -- in this case is an individual of 64 has a life
16 status, he's alive at the time of filing. Has dependents.
17 He's a gasket cutter. Has direct contact. He's in the State
18 of Illinois. Has no co-defendants, but it has basically filed
19 a claim -- has a claim against Manville, because most of the
20 individuals would have a claim against Manville, except for --
21 I don't think we've seen somebody who wouldn't qualify as a
22 claim against Manville, but that's not to say it doesn't
23 happen eventually. This individual here would get over
24 \$1 million.

25 Q. Okay. Can you describe an example of a -- I believe this

1 is supposed to be an individual review settlement offer for a
2 typical claimant?

3 A. Well, this is what would happen if you basically -- if
4 the person who was going to get 20 -- it's mislabeled on Slide
5 73.

6 So it's essentially what the individual review offer
7 would be for the claimant who we showed before would have
8 gotten \$21,000 as a typical claimant.

9 Q. I've gone back to Slide 70, and this is the same
10 claimant?

11 A. Right. This is the same claimant.

12 Q. So he's applied here under Slide 70, he's applied for
13 expedited review.

14 A. Yeah. And here, if he applied for individual review
15 instead, you would expect that he would have, you know,
16 typically if he had to provide his exposure information, he
17 would have 32 -- excuse me, 13 co-defendants and 22 trust
18 claims as we described in the analysis.

19 This person in this case would only get an offer of
20 \$3,500. Essentially he would definitely be an individual who
21 would go for the expedited review as he should.

22 Q. Okay. So just to be clear, we're looking at Slide 73 now
23 and it should -- it's entitled, "Example Expedited Review
24 Settlement Offer For Typical Claimant". It should be
25 Individual Review?

1 A. Correct.

2 Q. So how did you estimate payments under the proposed plan?

3 A. Well, we used the information provided by the claimants
4 in the PIQ. Again, in that process. And so we valued them
5 under the terms of the plan, so that -- and we created the
6 indices for these things. We put in some estimates of things
7 like dependents, and likelihood of being alive from the data
8 that we had as well. We have the other information. And we
9 calculated for each one of them what would be the result of
10 the expedited review, the individual review, and what they
11 would expect they could get if they litigated the claim in
12 tort system with this information.

13 Frankly, given what we have here, if they provide this
14 information, none of the claimants would wind up opting for
15 litigation, because their expected outcome having provided the
16 information, is less than what they would get under the
17 expedited or the individual review.

18 We then assign the individuals to whichever these
19 categories gave them the most money. Most of them would take
20 the expedited review. A small number would take the
21 individual review. Those tend to be individuals who, by want
22 of their title, their occupation would put them into one of
23 the lower contact group. But their activity tends to put them
24 in terms of having more contact exposure than you would
25 expect.

1 So those are exactly the kind of individuals that you
2 would expect to see for individual review. That is -- well,
3 they're individuals because of the way the contact group
4 maximum amounts are set would initially be scheduled lower
5 amounts, because most of the people in those groups would not
6 have the kind of contact.

7 But occasionally there are individuals within those
8 groups, because of what they're doing, they describe themselves
9 as a laborer, for example. Then when they write down what
10 they did, they actually worked -- as a laborer, they spent a
11 lot of time picking up gasket material, so...

12 Q. So what was your -- what is your estimate of the payments
13 for current mesothelioma claimants?

14 A. We estimate that the payment, individual claimant again
15 to be about \$60 million. Each one was evaluated -- the way we
16 did the aggregate analysis, we valued the individual claims
17 based on the characteristics under the three options and
18 picked the one that was the most. And 97 percent of the
19 claims of the vast by taking the expedited review, which
20 shouldn't be too surprising, since 95 percent of the claimants
21 that we get, 96 percent of the claimants in the 2000s that got
22 paid, essentially have no prospects of liability -- no
23 liability likelihood for Garlock.

24 Q. Okay.

25 A. And the model essentially has -- essentially takes

1 account of claimant characteristics which would correlate with
2 liability, and hence higher -- those would have the best
3 claims would get the highest settlement amounts.

4 Q. Turning to Slide 76, could you describe your estimated
5 payments to future mesothelioma claims?

6 A. Right. So, again, we use the -- as we describe, we use
7 the two and a half percent inflation rate on the settlement
8 amounts. Gives us the total nominal value of \$260 million,
9 using the 3 percent real discount rate, gives you -- less than
10 \$160 million net present value.

11 Again, we use the estimated expected offers under the
12 three options for each age in the contact group combination.

13 Again, because -- again, we don't have the individual
14 claimant characteristics for those. More of them are actually
15 going to go in the direction -- the estimate is going to give
16 you more in the individual review than -- excuse me, the
17 expedited review than the individual because we don't have the
18 diversity of claimant characteristics estimated with them.

19 But I think that -- so the optimal choice is about
20 99 percent of future claimants would take the expedited
21 review.

22 Q. Okay. Slide 77 is a summary table?

23 A. Yes, sir.

24 Q. Would you describe, then summarize your conclusions
25 regarding settlement payments by contact group for current and

1 future claims?

2 A. So, as we described, this part of the table right here
3 shows you the settlement amounts that -- the maximum
4 settlement offer that's assigned for each one of the five
5 contact groups that we have, plus the individual review.

6 We're going to summarize across those groups, get a total
7 for those.

8 We have, essentially this shows the calculation of what
9 we got. Within the first contact group we estimate that there
10 will be settlements that are approximately \$100 million. They
11 represent about -- just slightly under half of payments, and
12 they would be an average of around \$49,000.

13 Each one of these numbers describes what each one of
14 those are. And we have an amount here of \$1,000 for each one
15 of the group five claimants. Essentially there's an amount
16 that you can get simply by being in that group.

17 We have the individual review amounts here which we've
18 estimated as being for the -- about 1 percent of the total
19 overall. It only comes to about \$2 million in total net
20 value -- present value calculations. And it has an average
21 here of 16,000. You'll note that that number is a lot less
22 than the numbers up here.

23 That's because most of the claimants for this group,
24 essentially are individual review claimants that would come
25 out of here, because the individual review -- the amounts

1 here -- these are appropriate for most of the individuals
2 within this category. But there are rarely individuals --
3 occasionally individuals who by want of their -- by nature of
4 their occupations, their job duties instead of their
5 occupation description which would put them in here, should --
6 would be entitled to getting more and they would be the ones
7 who tended to go with the individual review.

8 The overall average is approximately \$20,000,
9 significantly above the amount that we have in the period of
10 1990s, somewhat below the most recent settlement average
11 resolution amounts in Garlock's -- certainly less than the
12 average payment amounts in the recent history. But we're
13 talking about a very different value environment --
14 information environment here.

15 In total, this column adds up to \$214 million in net
16 present value terms. The funding of the plan is \$270 million.
17 That leaves approximately \$56 million for contingency and
18 trust administration.

19 By contingency I mean the fact that for the individual
20 review here, we have a small number of cases. We are not
21 predicting any to go through litigation. We expect under this
22 plan that would be extremely rare that would occur.

23 For the reasons that I describe in terms of valuing the
24 future claims with regard to individual review, it's quite
25 possible by the nature of the individual claim characteristics

1 that future claims would have more variation to them, and
2 there would be more individuals in here.

3 I wouldn't expect that to happen much, given the history
4 with the pending claims pool, but this amount should be more
5 than sufficient to cover that. Even counting for somewhere in
6 the neighborhood 10 to 15 percent -- 5 to 10 percent in terms
7 of trust administration costs, which would give you the total
8 of the \$270 million.

9 Q. So what's your basis for describing the 5 to 10 percent
10 trust administration costs?

11 A. That's -- I don't have a detailed understanding of that.
12 Basically we have just reports what trust administration costs
13 are from publicly available trusts.

14 Q. Okay. How does your estimate of payments under the plan
15 relate to your liability estimate and your financial statement
16 estimate?

17 A. So it fits in here in this perspective relative to what
18 we did before. It's \$270 million net present value. It's
19 significantly above the liability amount -- multiples of the
20 liability. It's above the amount that you would expect to get
21 out of settlements where the plaintiffs are avowing their
22 exposures to asbestos products that they did in 1990s. Here
23 they're providing that information without -- without actually
24 describing it in a litigation setting.

25 But it doesn't cost Garlock to get the information in the

1 same way it does in the current tort environment, so that
2 means the amount should be -- is and should be materially
3 below the financial reporting range. That's what we've
4 illustrated on this chart.

5 MR. CASSADA: May I have a --

6 THE COURT: Yes.

7 MR. CASSADA: -- few moments?

8 THE COURT: Sure.

9 MR. CASSADA: I also have a number of documents that
10 I want to introduce.

11 THE COURT: Okay.

12 (Pause.)

13 BY MR. CASSADA:

14 Q. Dr. Bates, I want to back you up to the discussion that
15 we had earlier about incidence, the future incidence that you
16 projected under the plan, and the basis for your projected
17 claimants by year.

18 A. Okay.

19 Q. Describe how you determined that -- here we're looking at
20 Slide 58. In focusing on the year 2011, how many claims do
21 you project would actually have access to a trial in that
22 year?

23 A. Have access to a trial?

24 Q. How many claimants do you project would have contact --
25 would establish or alleged contact with a Garlock -- Garlock's

1 products during the year taking 2011, for example?

2 A. So, I'm sorry. You're asking the question of how many --
3 how do I come up with that number?

4 Q. Yes. Precisely.

5 A. All right. So the year here 2010 is low. I thought
6 maybe you were asking that question.

7 Q. That's a partial year.

8 A. That's because that's a partial year, so that's not what
9 you're asking.

10 Q. That's why I focused on 2011.

11 A. So what we have from the prior chart is, we have total
12 incidence of disease for -- expected disease for each one of
13 the contact groups.

14 Within the PIQ data, we received information about the
15 individuals who assert contact with each one of Garlock
16 products. That gave us percentage of total claimants within
17 that contact group who asserted contact with the product.

18 So, for example, in claimant group number one, the number
19 may be 62 percent. I don't have the number at the tip of my
20 finger, it's in my report. But that gives us essentially 62
21 percent of individuals in the PIQ population.

22 We then took that percentage and applied it to the annual
23 amount in this figure here. So the amount that you would get
24 in 2011, that would be associated with that contact group.

25 And so if we had, you know, 1,000 people in that group, and

1 then we took 62 percent of them, we have 620 people.

2 Q. Thank you. Now, you were talking about your estimate of
3 the number of other parties whose products would be identified
4 in the typical claim against Garlock. Do you recall that --

5 A. Yes.

6 Q. -- the 22 --

7 A. Yes.

8 Q. -- and 14. Would you describe where you obtained that
9 information?

10 A. Well --

11 Q. Or clarify that?

12 A. Clarify?

13 Q. Yes.

14 A. I thought I had described it. So somebody thinks I
15 missed something, so...

16 Well, there was a -- we have a claim file review that we
17 did. All right. As well as we have PIQ information, and
18 claim files that were provided to us and interrogatory
19 responses. And within those, we essentially created what we
20 called product sample. So it's claimants who were within our
21 product's review sample.

22 So these are essentially files which we believe to be
23 essentially correct from -- with regard to depositions,
24 interrogatories responses, and essentially the claim file
25 review that went on was looking for people who -- claimants

1 who would identify both their products, the types of products
2 that they were exposed to, as well as either the brand or the
3 company name.

4 So for example, we could say insulation by Owens Corning
5 or they could say Kaylo, and we would know it was the same
6 thing.

7 But it's important they asserted contact with the product
8 which they could identify.

9 Q. Okay. Did you -- the source of that data, did you make
10 any determination with respect to whether that was -- data was
11 representative of claimants against Garlock?

12 A. Well, I did, to the extent that I could within the data
13 that I have.

14 I mean, at one level it's likely to be unrepresentative
15 in that it's likely to be more high-quality claims against
16 Garlock, because it's -- you know, those are the ones that are
17 more likely to have the complete claims.

18 It does come out of the PIQ provided data as well. So
19 there were court-ordered samples of claim review files as
20 well. So those have less likely to that susceptible to that
21 means.

22 I then compared that as well with the information that I
23 have historically from -- not fully recalling the full way --
24 I did this. I remember the exercise, as I do the details of
25 it. Comparing the number of claimants there, the relative age

1 of the claimants, the number of exposures -- excuse me, the
2 number of parties that they would name, and so on. They
3 appeared to be from the characteristics I could name -- could
4 identify to be similar in characteristics to one for which I
5 didn't have that information. So I was, for the purpose of
6 this, for those qualifications, satisfied with it being
7 representative.

8 Moreover it's numbers that are considerably less than I
9 believe to be the exposure in fact, and considerably less than
10 the number of parties that are actually named. So that if
11 there was in fact a more exhaustive discovery that was done
12 for the individuals, and we actually bring in information like
13 what their site exposure and their work history was, the kind
14 of analysis that we talked about could be done, I would expect
15 that number to actually go up if you knew more about the
16 individual and did a more exhaustive search.

17 So, for example, if the plaintiffs themselves were
18 deciding to move the litigation on to a new defendant and was
19 doing more work in that area, I suspect that that would
20 affect -- they would identify -- be able to identify more of
21 these exposures. In fact, along the process that they've done
22 over the last 30, 40 years in coming up with the names of some
23 of the litigants and the defendants that they have at this
24 point.

25 Q. Now you were able to establish the typical claimant would

1 identify contact with 36 claims.

2 How does that relate to the litigation experience that
3 you've described to some extent talking about the information
4 regimes and the difficulty getting claims information and the
5 problems described by Mr. Magee and Mr. Turlik?

6 A. Well, that's the result of a more strategic behavior on
7 the part of the plaintiffs. If you actually look at the
8 plaintiffs -- or in this case it helps to consider the
9 plaintiff's law firm itself. You can in fact get more money,
10 as I describe in the report, by targeting at individuals --
11 targeting individual defendants, than you can by essentially
12 trying to go after multiple defendants.

13 So it would cost more for the plaintiff's law firm to
14 develop a case against multiple defendants. It would -- and
15 at the same time it would dilute the case. It would lower the
16 likelihood of them getting trial outcome. Because in fact
17 they are making the case for some of the defendants themselves
18 when they point the finger -- the plaintiff himself points the
19 finger at first one set of defendants then another set of
20 defendants. That raises the prospect of it being sort of more
21 confusing to a jury about who the potential target are -- what
22 the potential source is.

23 You can have a number of defendants each saying, well
24 look, he admitted exposure to them, it's them. The other one
25 saying no, it's them. They may both get assigned, or may

1 neither get assigned. But it makes for a more confusing and
2 more complicated process.

3 So I think it's their approach is as they have described
4 when they say it's the defendant's job in cases like this to
5 do the work of finding what the alternative exposures are.
6 Their job to do the job of finding the exposures to the
7 company they're suing. I think it's in their interest to
8 target the litigation in that way.

9 You know, with regard to what I'm talking about here, in
10 terms of dividing it up with the relationship between that
11 versus my calculation of say 36 parties is, think about that
12 process actually taking place with a random draw from each of
13 those 36.

14 So, you know, we're going to target them, but we aren't
15 going to target everybody. I mean, it's obviously not the
16 case if you target your litigation against one party, and
17 because of your strategic targeting you can get that party to
18 be responsible for 50 percent, and then do that for each one
19 of 36 parties. It's not that you have 18 times the liability
20 in that. You have to take count of the likelihood that
21 they're targeted in that circumstance.

22 So, whether you do the calculation the one way or the
23 other, both of them leads you to the overall conclusion that,
24 you know, to the way I've done it, which is to treat the
25 parties all symmetrically with regard to the litigation.

1 That's to put them in the same relative position so that they
2 aren't biased, vis-a-vis their position within the litigation
3 for the calculation of the liability, which is a legal
4 responsibility concept, which therefore I think that's
5 appropriate. I think that's the right way to do it.

6 MR. CASSADA: Your Honor, I have some exhibits. May
7 I approach the witness?

8 THE COURT: Yes.

9 BY MR. CASSADA:

10 Q. I'm going to get you to identify those. You have -- I've
11 handed you, Dr. Bates, a number of exhibits.

12 Can you first, identifying the exhibit number, identify
13 each exhibit.

14 In other words, identify each exhibit by exhibit number.

15 A. Just making sure I'm identifying the specific thing, I
16 want to make sure I know what it is. Yes. Okay.

17 So Exhibit No. GST-992, if I read this right, is the
18 paper we referenced in my report and I made reference to
19 earlier today, "An Economic Approach to Legal Procedure and
20 the Judicial Administration", by Richard A. Posner.

21 Exhibit GST-993, titled, "Selection of Disputes for
22 Litigation". By George L. Priest and Benjamin Klein. Another
23 paper that I referenced in my direct testimony here today, a
24 paper dated from 1984.

25 Exhibit No. GST-1274. This is the 1996 paper by Lucian

1 Bebchuk -- B-E-B-C-H-U-K, that I referred to in my
2 presentation earlier today.

3 Exhibit No. GST-1320, I hope that's a zero, is the paper
4 by Rosenberg and Shavell -- S-H-A-V-E-L-L -- from 1986 -- '85,
5 excuse me, that I referred to earlier today.

6 Exhibit GST-996 is a copy of my affirmative report in
7 this matter. I would like to point out that on pages -- in
8 the appendix on pages 130, 131, 132, somehow the wonders of
9 Microsoft Word have duplicated some of the lines of the table
10 repeatedly. I think it's in the way it was actually produced
11 originally, so just make sure to note that within the report.

12 GST-1000. This is the expert report of Jeffrey F. Brown,
13 dated February 15th, 2013, referenced in my presentation here
14 today.

15 Q. And you talked about that during your testimony today and
16 you mention it in your report?

17 A. Correct, in both.

18 And finally, if this is the last one, is document
19 GST-1305. It is the memorandum that I received from Robinson,
20 Bradshaw and Hinson dated February 5th, 2013, regarding the
21 apportionment of damages in asbestos cases in 50 states, the
22 District of Columbia and under Admiralty Law. It's what I
23 used and made reference to here today in talking about
24 apportionment of the states made reference to in my work and
25 in my report.

1 MR. CASSADA: Your Honor, we move admission of those
2 exhibits, that's GST-992, 993, 1274, 1320, 996, 1000, and
3 1305.

4 MR. INSELBUCH: Your Honor, with respect to the
5 first four, these are articles that appear in publications.
6 We have no problem with the debtor supplying the copies of
7 these for your convenience, but they really are not
8 evidentiary matters and shouldn't be accepted into evidence.

9 THE COURT: Well, I'll admit them for what they are.
10 They are articles.

11 MR. INSELBUCH: The next exhibit is GST-996, which
12 is Dr. Bates' report. We would urge that that be accepted
13 under the basis we previously accepted other reports --

14 THE COURT: We'll do that on the basis.

15 MR. INSELBUCH: -- that also with respect to the
16 report of Jeffrey Brown.

17 A. Yes.

18 MR. CASSADA: We move both of those for
19 demonstrative and Rule 104 purposes.

20 THE COURT: All right.

21 MR. INSELBUCH: Now, GST-1305 is a memorandum from
22 Robinson, Bradshaw to Mr. Bates. This we object to. This is
23 material that if they want to write a brief, they can do that,
24 but he shouldn't be a vehicle for debtors' counsel supplying
25 you with evidence.

1 THE COURT: I'll admit it, understanding what it is.
2 And it's something that he looked at and relied on.

3 MR. CASSADA: And just for purposes of clarifying
4 the record, Exhibit 1305, Dr. Bates, is that something you
5 relied on in connection with your report and opinions in this
6 case?

7 THE WITNESS: Yes.

8 MR. INSELBUCH: The mere fact that he relied on
9 something doesn't put it into evidence.

10 MR. CASSADA: I understand.

11 THE COURT: But we'll have it so you-all will have
12 and we'll all have what he looked at.

13 MR. CASSADA: Your Honor, we have on our list
14 documents that have been filed in the court, and that's
15 Garlock's Proposed Plan of Reorganization and Proposed Claims
16 Resolution Procedures, which Dr. Bates had reviewed and
17 evaluated. And I don't have those numbers right now, but we
18 move to admit those.

19 THE COURT: That's all right. We'll accept those as
20 being documents that are in the case file.

21 MR. CASSADA: And finally, Your Honor, we're going
22 to offer for demonstrative purposes the PowerPoint
23 presentation that Dr. Bates used during his testimony today.
24 And that would be demonstrative Exhibit GST-805 (sic).

25 MR. INSELBUCH: We have no objection to that if we

1 could have it by 7:00 tonight.

2 MR. CASSADA: You'll have it. I'm sorry 8005.

3 THE COURT: Okay.

4 (Debtors' Exhibit No. 8005 was received into
5 evidence.)

6 MR. CASSADA: Then I've marked as GST-8006,
7 demonstrative exhibit, Dr. Bates' drawing today when he was
8 showing the settlement process and the interaction of the
9 likelihood --

10 THE COURT: Okay.

11 MR. INSELBUCH: We don't need a copy of that.

12 THE COURT: Okay.

13 MR. CASSADA: I'll mark that as Exhibit 8006.

14 (Debtors' Exhibits No. 992, 993, 996, 1000, 1274,
15 1305, 1320 and 8006 were received into evidence.)

16 MR. CASSADA: Thank you, Your Honor. We pass the
17 witness.

18 THE COURT: All right. I think Monday would be a
19 good time to pick up the pass.

20 MR. INSELBUCH: Could we talk a little bit about
21 scheduling?

22 THE COURT: Yeah. Let me just say what seems to me
23 we ought to continue with Dr. Bates, and then what you said
24 you-all had to finish Mr. Magee and that be your case. Let's
25 try to do that Monday.

1 MR. SWETT: Your Honor.

2 THE COURT: Yes, sir.

3 MR. SWETT: We have one witness, who at last report
4 can only be here on Monday.

5 THE COURT: Okay.

6 MR. SWETT: It will probably be a matter of two
7 hours, two and a half hour examination. So I won't do this if
8 we don't have to, but I may need to ask Mr. Cassada for an
9 accommodation in presenting that witness on Monday afternoon.

10 THE COURT: In that case we'll just slip Mr. Magee,
11 I guess, till Tuesday and let you-all finish. I'm not sure if
12 you've been counting the days.

13 MR. SWETT: They are dwindling.

14 THE COURT: We will give you all the days that
15 you're entitled to. We'll pick up and do those and do -- for
16 rebuttal give Garlock what time's left; understanding that we
17 really have the flexibility only to lop over into Monday of
18 next week.

19 MR. SWETT: Your Honor, did I understand you earlier
20 to say that you were tied up on the Monday following the third
21 week; is that correct?

22 THE COURT: We can move that, I discovered at lunch.
23 We had scheduled some other hearings, because that was --

24 MR. SWETT: Before we lock that in concrete, I need
25 to consult with my science lawyers who are dispersed around

1 the country.

2 THE COURT: Okay.

3 MR. SWETT: But I can confirm that to you on Monday.

4 THE COURT: Okay. That would be my preference to go
5 ahead and finish, rather than break for a week or two or
6 whatever it has to be and then come back. I think that would
7 be a bad thing to have to do. So hopefully they'll be able to
8 come back.

9 MR. SWETT: That last issue would be in previous
10 discussions, Mr. Clodfelter wanted to bring Dr. Heckman
11 (phonetic) and Dr. Peterson was to be provided an opportunity
12 to respond to whatever criticisms were leveled at him in
13 rebuttal. And we would ask for that privilege. We might
14 not -- might waive it depending upon what the rebuttal was.

15 THE COURT: Okay. We'll do the best we can. You
16 all --

17 MR. GUY: We have the same issue.

18 THE COURT: We'll try to give everybody all the time
19 they're entitled to, all the time you need. Remembering in a
20 trial practice seminar somebody said never ask a question more
21 than eight words in it, and we might have to invoke that and
22 an eight-word answer. But we'll try to get this in.

23 THE WITNESS: Sorry, Your Honor.

24 THE COURT: At any rate, well -- we'll do the best
25 we can.

1 MR. CASSADA: Your Honor, it does appear that we're
2 running out of days, and we have witnesses -- I suppose what
3 we'll do is we'll submit expert reports for witnesses we don't
4 have an opportunity to call and summaries of testimony that we
5 would have offered.

6 THE COURT: We may just have to have you do a
7 proffer and a proffer of a rebuttal or whatever you want to
8 do.

9 MR. SWETT: But in the absence of cross-examination,
10 it would not be proper to receive those into evidence.

11 THE COURT: I'm not going to consider them, we'll
12 put them there and it will be part of the record for somebody
13 else to look at.

14 MR. CASSADA: We had the other kind of lingering
15 issue that you had reserved an opportunity for the committee
16 and the FCR to file *Daubert* motions.

17 THE COURT: We'll let them do that after the close
18 of evidence.

19 MR. CASSADA: You may recall that you had mentioned
20 giving us an opportunity to offer affidavits to cure any
21 problems that we could have addressed had we had those motions
22 beforehand.

23 THE COURT: Yeah. Okay.

24 MR. SWETT: Finally, Your Honor, I've been asked by
25 the science lawyers to press the question of what the reduced

1 roster of science witnesses that they ought to prepare for.
2 And I understood that that information would be available
3 sometime before now. But certainly would like to have that
4 this evening.

5 THE COURT: All right.

6 MR. CASSADA: That -- I think we can provide a
7 preliminary number there. That is going to depend on how much
8 time we have for rebuttal, which is somewhat up in the air.
9 But we'll have to prioritize the witnesses that we'll call and
10 I believe we can give notice of those --

11 THE COURT: I'll ask you to do that, and do that as
12 quickly as you can.

13 MR. CASSADA: Okay.

14 THE COURT: Okay.

15 MR. CASSADA: Thank you, Your Honor.

16 THE COURT: All right.

17 MR. CASSADA: Have a nice weekend.

18 (The court was in recess for the day at 5:35 p.m.)

19 * * * * *

20 UNITED STATES DISTRICT COURT
21 WESTERN DISTRICT OF NORTH CAROLINA
22 CERTIFICATE OF REPORTER

23 I, Laura Andersen, Official Court Reporter, certify
24 that the foregoing transcript is a true and correct transcript
25 of the proceedings taken and transcribed by me to the best of
my ability.

Dated this the 3rd day of August, 2013.

s/Laura Andersen
Laura Andersen, RMR
Official Court Reporter

Laura Andersen, RMR 704-350-7493